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BEALTH OFFICERS

ANNUAL REPORT, PHILADELPHIA

1883.



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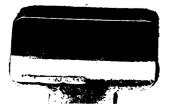
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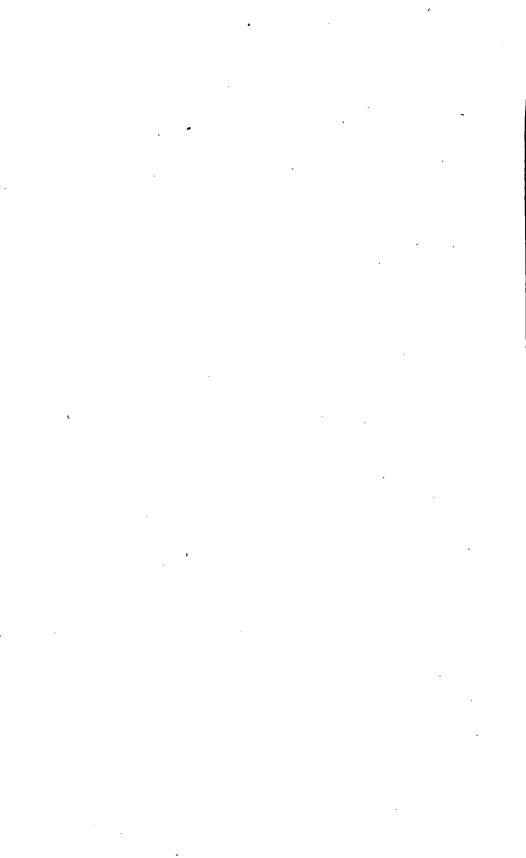
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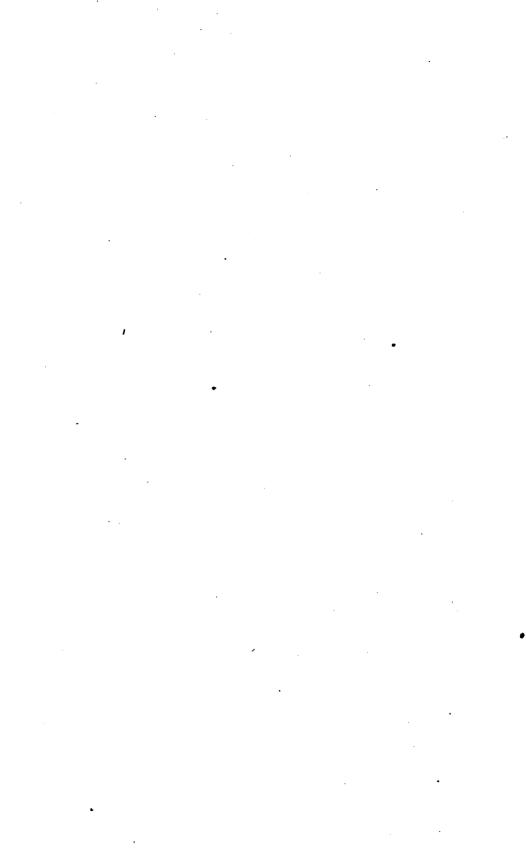


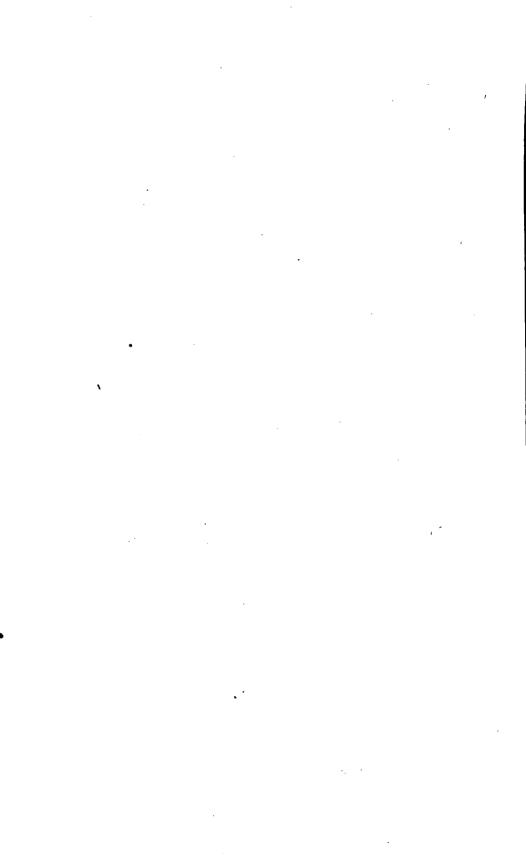
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HEALTH OFFICER'S

ANNUAL REPORT

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Births, Marriages and Deaths

FOR THE

CITY OF PHILADELPHIA.

Hearth affice. Registration dept.

PHILADELPHIA:

DUNLAP & CLARKE, PRINTERS, HASTINGS' BUILDING, 819-21 FILBERT STREET.

1884.

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HEALTH OFFICE.

PHILADELPHIA, February, 1884.

To the Select and Common Councils of the City of Philadelphia.

GENTLEMEN:-

In obedience to law, I have the honor to present you my Annual Report of the Registration of Births, Marriages, and Deaths, which have occurred in the City during the year eighteen hundred and eighty-three.

With high respect,

Your obedient servant,

JAS. L. SELFRIDGE,

Health Officer.

HEALTH OFFICERS' ANNUAL REPORT

OF

BIRTHS, MARRIAGES AND DEATHS.

1883.

REGISTRATION DEPARTMENT,

HEALTH OFFICE, Philadelphia, January, 1884.

To the President and Members of the Board of Health.

Gentlemen:—In accordance with the Act of Assembly, approved March 8th, 1860, the following abstract of births, marriages and deaths is respectfully presented through you to City Councils, for the year ending December 31st, 1883.

The number of births registered during the year amounted to twenty-one thousand two hundred and thirty-seven (21,237), an increase over the previous year of one thousand one hundred and thirty-nine (1,139); the number of marriages amounted to eight thousand two hundred and thirty-one (8,231), a decrease from the previous year of two hundred and ninety (290), and the deaths amounted to twenty thousand and seventy-six (20,076), an increase over previous year of seventeen (17).

(5)

The following table shows the ratio of deaths with population for the past twenty-three years:—

Years.	Population.	Deaths.	Death to 1000 persons living.	Persons living to 1 death.
1861	576,408	13,540	23.49	42,57
1862	587,287	13,864	23.60	42,86
1863	598,166	14,220	23.73	42.06
1864	608,045	15,875	26,10	38.80
1865	618,924	15,633	25,25	89.59
1866	620,803	15,862	22.80	40.99
1867	640,682	12,660	19.76	50.60
1868	651,561	18,891	20.39	48,65
1869	662,440	13,428	20.27	49.83
1870	674,02 2	15,817	22.72	44.00
871	700,000	15,485	22.12	45.20
1872	725,000	18,987	26.19	38.18
1873	750,000	15,224	20.29	49.26
1874	775,000	15,238	19.66	50.86
1875	800,000	17,805	22.25	44.98
1876	825,594	18,892	22.88	43.69
1877	850,856	16,004	18.81	53.16
1878	876,118	15,743	17.97	55.65
1879	901,380	15,473	17.17	58.25
1880	*846,980	17,711	20.91	47.82
881	868,090	19,515	22.48	44.47
1882	886,539	20,059	22.62	44.19
1883	907,041	20,076	22.18	45.18

^{*} United States Census. The intervening years, population estimated.

The following comparative table will show the mean temperature of the summer months for the past eight years:—

Months.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.
June	74.20	71.70	67.9°	71.70	73.80	67.1°	72,90	73.79
July	78.60	77.80	77.80	75.6°	75.6°	75.5°	77.40	76.1°
August	74.30	75. 5 °	73.40	72.70	72.8°	75.0°	73.90	71.90
September	63.8°	68.8°	67.9°	64.40	67.70	74.8*	69.1°	64.5°
Mean	72.720	72.95°	71.620	71.100	72.470	78.100	73.320	71.50

The number of deaths from Diphtheria amounted to one thousand and six (1,006), an increase over the previous year of one hundred and seventy-three (173); the deaths from Scarlet Fever amounted to five hundred and sixty-one (561).

	Diphtheria.	Scarlet Fever.
First quarter	267	100
Second quarter	218	173
Third quarter	230	125
Fourth quarter	291	163
Total	1,006	561

The following comparative table shows the number of deaths from each disease for the past sixteen years:

Years.	Diphtheria.	Scarlet Fever
1868	119	224
1869	182	799
1870	172	956
1871	145	262
1872	150	174
1878	110	319
1874	179	461
1875	652	1,032
1876	708	328
1877	458	379
1878	464	554
1879	321	336
1880	323	291
1881	457	486
1882	933	810
1883	1,006	561

The number of deaths from Small Pox amounted to one hundred and seventy-three (173), a decrease from previous year of one hundred and forty-one (141); one hundred and three (103) were males and seventy (70) were females. See chart and table of Small Pox.

BIRTHS.

The number of births registered during the year was twentyone thousand two hundred and thirty-seven (21,237), an increase over the previous year of one thousand one hundred and thirty-nine (1,139), or 5.66 per cent.

The number of male births was eleven thousand one hundred and two (11,102), an increase over the previous year of six hundred and twenty (620); the female births numbered ten thousand one hundred and thirty-five (10,135), an increase of five hundred and nineteen (519).

TABLE I.—BIRTHS.

The following table will show the number of births in each month, the number of colored births, also the still-births, twins, and triplets.

		Bir	ths.	Black.		StDI-tearn:				
1883. Months.	Total.	Male.	Female.	Male.	Female.	Male.	Female.	Twins.	Triplets.	
January	1,839	956	883	13	8	51	36	13		
February	1,803	954	849	21	18	44	37	23	2	
March	1,768	958	810	14	8	50	32	19		
April	1,572	833	739	7	10	44	37	12		
May	1,506	791	715	20	19	61	36	14		
June	1,682	857	825	23	13	49	32	26	1	
July	1,945	1,003	942	27	24	43	30	28		
August	1,874	971	903	26	23	45	38	13		
September	1,849	1,007	842	20	27	58	29	24		
October	1,833	924	9)9	12	14	48	39	12		
November	1,748	893	855	25	18	46	38	14		
December	1,818	955	863	22	21	51	23	7		
Total	21,237	11,102	10,135	230	198	585	407	205	3	

The number of births in each quarter of the year was as follows:

First quarter, ending March 31,	-	•	•	5,410
Second quarter, ending June 30,	•	•	٠	4,760
Third quarter, ending September 30, -	-	•	-	5,668
Fourth quarter, ending December 31,	•	-	-	5,399
			•	01 027
				21,237

TABLE II.

The following table presents the births in each ward during the year 1883.

BIRTHS IN EACH WARD, 1883.

		1			
First	1,180	Twelfth	352	Twenty-third	448
Second	613	Thirteenth	881	Twenty-fourth 1	,155
Third	408	Fourteenth	546	Twenty-fifth 1	,052
Fourth	599	Fifteenth	1,102	Twenty-sixth 1	,030
Fifth	339	Sixteenth	488	Twenty-seventh	598
Sixth	284	Seventeenth	565	Twenty-eighth 1	,025
Seventh	584	Eighteenth	753	Twenty-ninth 1	,262
Eighth	302	Nineteenth	1,467	Thirtieth	621
Ninth	169	Twentieth	1,048	Thirty-first	831
Tenth	419	Twenty-first	492	Unknown	158
Eleventh	448	Twenty-second	634		
				Total 21	,287
					,

The largest number of births occurred in the Nineteenth Ward, one thousand four hundred and sixty-seven (1,467), and the lowest number in the Ninth Ward, one hundred and sixty nine (169).

MARRIAGES.

The number of marriages registered during the year 1883 amounted to eight thousand two hundred and thirty-one (8,231), a decrease of two hundred and ninety (290) or 3.40 per cent.

The number of marriages in each quarter of the year were as follows:

First quarter, ending March 31	1,881
Second quarter, ending June 30	2,152
Third quarter, ending September 30	1,800
Fourth quarter, ending December 31	2,398

TABLE III.—MARRIAGES.—Nativities of the parties.

The following table gives the birth-place of those married.

•		Birt			
	NATIVITIES.	United States.	Foreign.	Not Given.	TOTAL OF GROOMS.
Birth place of grooms.	United States Foreign Unknown	4,968 799 45	467 1,690 5	36 20 201	5,471 2,509 251
Total	of Brides	5,812	2,162	257	8,231

The number of marriages in which both parties were natives of the United States was four thousand nine hundred and sixty-eight (4,968), and the number of marriages in which both parties were of foreign birth was one thousand six hundred and ninety (1,690), and the number of marriages in which the nativities of both parties were unknown was two hundred and one (201.)

The number of men married natives of the United States amounted to five thousand four hundred and seventy-one (5,471), and the number of women, five thousand, eight hundred and twelve (5,812). The nativities of two hundred and fifty-one (251) men, and two hundred and fifty-seven (257) women have been omitted.

The number of men of foreign birth married amounted to two thousand five hundred and nine (2,509), of whom seven hundred and ninety-nine (799) married women of the United States; one thousand six hundred and ninety (1,690) married women of foreign birth.

TABLE IV.—MARRIAGES. Age of the Parties.

The following table will show the ages of the parties married during the year 1883.

AGES OF THE WOMEN.								1			
1883.		Under 20.	20 to 25.	25 to 30.	80 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	Not given.	Total of men.
	Under 20	46	17	1							64
	20 to 25	892	1,727	221	38	4		1		15	2,898
	25 to 80	294	1,511	790	123	9				13	2,740
Ē.	30 to 40	73	514	549	429	43	1			14	1,623
Ages of the Men.	40 to 50	5	55	90	176	95	10	1		3	435
ě	50 to 60	1	7	14	42	72	17	5		2	160
99	60 to 70		2	3	13	18	16	3	ļ	[55
7	70 to 80			ļ	1	ļ	6	4	2		18
	80 to 90		2	1		1					4
	Not given	3	12	4		1				219	239
Tota	al of women	1,314	3,847	1,678	822	248	50	14	2	266	8,231

The number of men married under the age of twenty was sixty-four (64), while the women (of same age) amounted to one thousand three hundred and fourteen (1,314); the number of men married between the age of twenty and twenty-five amounted to two thousand eight hundred and ninety-eight (2,898), and the number of women (of same age) was three thousand eight hundred and forty-seven (3,847); the number of men married between twenty-five and thirty years was two thousand seven hundred and forty (2,740), while the women (of same age) amounted to one thousand six hundred and seventy-three (1,673); the number of men married between thirty and fifty amounted to two thousand and fifty-eight (2,058); fifty-five (55) men were married between the age of sixty and seventy; thirteen (13) were married between seventy and eighty, and four (4) between eighty and ninety; fourteen (14) women married between sixty and seventy, and two (2) women married between seventy and eighty.

TABLE V.

	Ages not given.	888	. 586	202
he year.	.09 of 08	4		4
ed during t	,08 ot 07		01	15
age marri	.07 03 08	25	14	8
The following table will show the number of each sex in each division of age married during the year.	. 60. 60. 	160	92	210
ex in each	.05 ct 04	436	243	678
r of each s	°07° 04° 08	1,623	823	2,445
the numbe	72 to 80°	2,740	1,673	4,413
will show	.82 ot 02	2,898	8,847	6,745
wing table	Under 20.	25	1,314	1,378
The follo	1883.	Males	Females	Total

TABLE VI.—MARRIAGES. Ceremonies Employed.

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Mennonites.	2111	4
Disciples of Christ.	1 8	4
New Jerusalem.	1 1 1	4
Bible Christians.	1 1 1 1 2	∞
Independent Ger- man.	8	∞
Congregational.	22-	∞
Universalist.	9 1 188	6
United Brethren.	8 1 8 1 1	10
Unitarian.	101 14 6 11	13
Church of Christ.	1110100 0 411	8
Dutch Reformed.	∞∞∞4-0-4∞010°°	98
Moravian.	およこよこちろ13844	88
Independent.	444 605600	£
Evangelical Asso- clation.	4448849125758	29
Mayor.	ಎಎಎ-130000000000000000000000000000000000	11
Hebrew.	e102226646878	011
Magistrate.	82888823222	386
German Reformed.	8828888848	386
Baptist.	8444488114286	166
Lutheran.	\$252525252 \$25252525252	911
Presbyterian.	88888848425 <u>8</u>	158
Episcopal.	44488558855888888888888888888888888888	288
Catholic.	156 173 173 173 173 173 173 173 173 173 173	1,636
Methodist.	161 168 168 176 176 185 187 198 174	2,006
Total.	702 538 746 746 668 520 520 524 738 740 740	8,231
1883. Months.	January Pebruary March March May June July August September October November	Totals

The largest number of marriages occurred in the month of November, eight hundred and fifty-one (851), and the lowest number in the month of July, five hundred and twenty (520).

989	158	g
•	•	•
•	•	•
	•	
	•	•.
per month,	" per week,	per day,
marriage	3	3
verage number of	3	z
The averag	3	3

TABLE VII.

The following table shows the number of persons married, including both sexes, in each division of ages, in each of the past twenty-three years, from 1861 to 1883, inclusive.

	Ages not given.	1,086 1,186	1,966
	80 to 90.	00 - 100 - 20 - 100 - 10 - 10 - 10 - 10	21
i -	70 to 80.	40010000000000000000000000000000000000	162
o, inciusiv	60 to 70.	***************************************	986
ing past twenty-tires years, from 1001 to 1005, inclusive	50 to 60.	200 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8,746
rs, irom i	40 to 50.	362 837 837 837 837 837 837 837 847 847 847 847 847 847 847 847 847 84	12,213
Trillee year	80 to 40.	1,193 1,620 1,620 1,620 1,732 2,116 1,748	43,263
THE PARTY	25 to 30.	2,114 2,1107 2,107 2,107 2,107 2,107 2,107 2,107 2,107 2,107 2,107 2,107 2,107 2,107 2	72,843
	20 to 25.	24.4.22 23.16.23 23.16.23 23.16.23 23.24.4.4.23 23.24.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.	117,622
	Under 20.	988 836 1,038 1,230 1,23	27,543
	Years.	1861 1865 1865 1865 1865 1865 1867 1871 1871 1871 1871 1871 1871 1871	Totals



ear 1883 with Meteorological Observations U Office.

C	55	29	9	13	20	27	3	10	17	24	1	8	15	22	n 29	Enc	We
=	ii	111	Octo.	n	11	1).	Nov.	11	11	1	Dec.	i.	11	11	n	Ending	Weeks
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																100	
																90	
Q	P				p											80	0

MORTALITY.

The number of deaths in the city during the year amounted to twenty thousand and seventy-six (20,076), an increase of seventeen (17) over the previous year.

The number of	deat	hs du	ring	the y	ear :	1883	,		20,076
White,	•			•			18,850		
Colored,	•	•	•	•	•	•	1,22 6		
Total, .									20,076
roun, .	•	•	•	•	•	•			20,010
Males,							10,223		
Females, .					•	•	9,853		
Total, .	•	•	•	•	•	•			20,076
							•		
Male adults, .		•	•	•	•		5,295		
Female adults,	•	•	•	•	•	٠	5,416		
Total adul	ta							10,711	
20001 0001	,	•	•	•	•	•		10,111	
Male children,							4,928		
Female children,	•		•	•	•	•	4,437		
Total chile	dren.							9,365	
	,	•		•	-	·			
Actual des	ths in	n city,	•	•	•	•			20,076
Deaths from speci	ified d	liseas	28.					18,583	
								767	
	.	accide				and			
		, .						716	
		cause						10	
Total, .	•	•	•	•	•	•			20, 07 6

In the above figures the still-born, premature births, and bodies brought to the city for burial are not included, thus showing the actual mortality in the city.

TABLE VIII.—Total interments in the City of Philadelphia, from all causes, during the year 1883.

					_							A	AGES.										
CAUSES OF DEATH.	J.	*80	səles.	-9		'27	-	61	5 10	0 15	5	30	40	- 20	99	20	80	90	100	110	.est[-	ole of lor.
	Tota	laM	Lem	BOY	Girl	Und	01	1 2	10 15	20	30	40	50	99	70	8	96	100	110	120	npy	Min	00
**************************************	1	1		-							1				-							-	
" of Arm.	1		77		-	-	1	-	-	1	1	-	-	!	1	1	1		1		1	;	-
" of Bowels	1		-	1	i		-	-	-		1	-				1	1	-		-	-	1	1
" of Brain	14	6	9	-	00		-	-	1		+	80	-	60		-		1			10	4	*****
" of Breast,	-	-	-		-	-	1	-		-		-	-	1	1	-	-					-	1
" of Ear,	-		-	1	+	i	1		-	1	1		1		1	1	-					-	
" of Hip	-	1	1	-	1				1	-		-		-	1	-	-				-	-	-
" of Kidneys	89	63			i	-	-	-		- 1	-		1		-	-	1				00	1	1
" of Liver	17	80	6	н	65	C4	=			-	1	1	4	**	_	2			1		13	44	-
" of Lungs	24	14	10	60	-	-	1	-		-	67	4		4	9	5 1	İ				20	4	-
" of Neck	10	63	2	00	-	60	-	1		1	-					4			1		-	44	-
of Parotid Gland	1	***************************************	1	1	-	1	-	-		-			-		1		-		1		-	1	1
" of Prostate Gland	1	-	-	-	1	i	1	-		_	-		1	-	1	1	-				7	-	1
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TABLE VIII.—Continued.

PAGE 60—Continued.

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Table VIII—Continued.

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	CAUSES OF DEATH.		Ūræmia	Wounds, Gun-shot	Totals	The number of deaths reported for the year 1883	White	Males 10,223 Females 9,803

PAGE 62—Continued.

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CAUSES OF DEATH.	.asta		TOME"														≱	WARDS.	g													
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The mortality of adults amounted to ten thousand seven hundred and eleven (10,711), a decrease from the previous year of one hundred and ninety-five (195), and the mortality of children nine thousand three hundred and sixty-five (9,365), an increase of two hundred and twelve (212) over the previous year.

The number born in the United States amounted to fourteen thousand nine hundred and nine (14,909); four thousand five hundred (4,500) were of foreign birth, and six hundred and sixty-seven (667) whose nativities were unknown.

Abscess.—The number of deaths so reported amounted to eighty-seven (87), a decrease from the previous year of fourteen (14), sixty-three (63) were adults, and twenty-four (24) were children.

Cancer.—The number of deaths amounted to seven hundred and eighty-three (783), an increase over the previous year of three hundred and fifty-four (354). See Table VI for classification.

Cerebro-spinal Meningitis.—The number of deaths so reported amounted to fifty (50), a decrease of one (1) from previous year; nine (9) were adults and forty-one (41) were children; thirty (30) were males and twenty (20) were females; twenty-six (26) were under five years of age.

Consumption of Lungs.—The number of deaths amounted to two thousand seven hundred and ninety-eight (2,798), a decrease from the previous year of eleven (11); two thousand five hundred and two (2,502) were adults, and two hundred and ninety-six (296) were children; one thousand eight hundred and ninety (1,890) were natives of the United States, seven hundred and ninety-six (796) were foreign birth, and one hundred and twelve (112) whose nativities were unknown.

The deaths in each month of the year were as follows:—

January,			305	July, .		193
February	, .		229	August, .		243
March, .			257	September,		205
April, .			247	October, .		255
May, .			276	November,		205
June.			183	December.		200

The largest number of deaths occurred in the month of January and the smallest in the month of June.

The average deaths from this disease in each month, . . 233 " " " " week, . . . 54 " day, 8

The number of deaths from consumption of both sexes for the past twenty-two years were as follows:—

Years.	Males.	Females.	Total.
1862	961	988	1,949
1868	966	989	1,955
1864	1,087	1,002	2,089
1865	1,020	1,006	2,026
1866	994	950	1,944
1867	942	1,005	1,947
1868	1,000	995 /	1,995
1869	982	998	1,975
1870	1,118	1,190	2,308
1871	1,099	1,188	2,837
1872	1,167	1,168	2,380
1878	1,098	1,198	2,291
1874	1,188	1,171	2,804
1875	1,185	1,174	2,359
1876	1,288	1,888	2,676
1877	1,142	1,207	2,349
1878	1,154	1,337	2,491
1879	1,283	1,248	2,481
1880	1,825	1,867	2,692
1881	1,858	1,410	2,768
1882	1,882	1,427	2,809
1883	1,848	1,455	2,798

Cholera Infantum.—The deaths amounted to eight hundred and seventy-eight (878), an increase over previous year of seven (7).

Cholera Morbus.—The number of deaths so reported amount to twenty-nine (29), twenty-three (23) were adults and six (6) were children.

Diphtheria.—The number of deaths were one thousand and six (1006); five hundred and twelve (512) were males and

four hundred and ninety-four (494) were females; ten (10) were adults, and nine hundred and ninety-six (996) were children. The following figures show the number of deaths from this disease for the past sixteen (16) years.

Years.	ults.	sdults.	ildren.	Female children.	i	DRATHS I	N BACH	QUARTE	₽.
	Male adults.	Female adults.	Male children.	Female	1st.	2d.	3d.	4th.	Total.
1868	2	.8	51	63	26	24	17	52	119
1869	3	5	75	99	42	48	87	. 55	182
1870	4	4	68	96	33	25	81	83	172
1871	8	8	71	68	48	82	29	36	145
1872	5	5	61	79	52	28	25	45	150
1878	1	2	56	51	45	25	17	23	110
1874	. 1	4	80	94	30	28	20	101	179
1875	6	7 '	814	325	116	158	142	236	652
1876	10	8	830	360	219	192	103	194	708
1877	6	7	182	268	120	97	84.	157	458
1878	6	11	218	229	135	81	90	158	464
1879	6	5	141	169	130	57	46	88	- 321
1880	3	6	151	168	99	72	51	101	323
1881	8	8	214	232	84	88	100	190	457
1882	5	8	442	478	187	162	208	881	933
1883	1	9	511	485	267	218	230	291	1,006

Fever Scarlet.—The number of deaths amounted to five hundred and sixty-one (561), an increase over the previous year of two hundred and fifty-one (251.)

The deaths in each month of the year were as follows:

January,		•	47	July, .	43
February,		•	27	August, .	35
March,			26	September,	47
April,			43	October, .	47
May,		:	65	November,	53
June,	•	•	6 5	December,	63

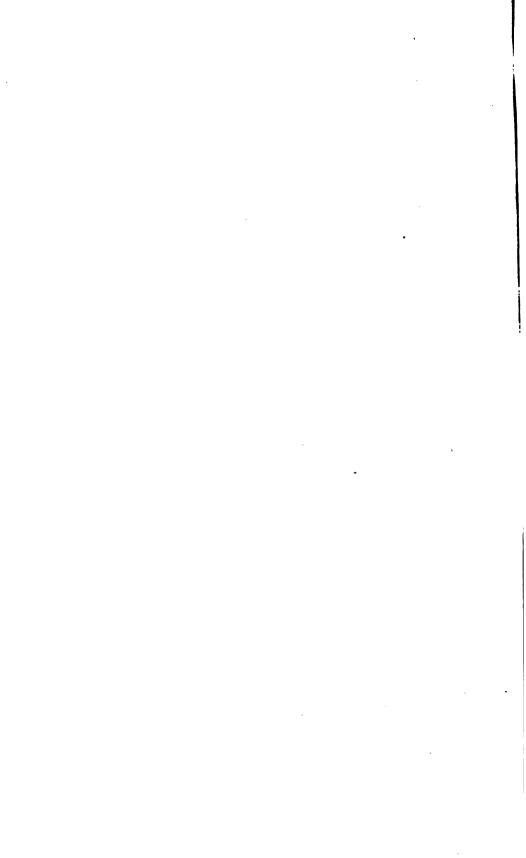
Philadelphia for the year 1883.

1000	. 29	Oct. 6.	., 13.	., 20.	. 2%	.Nar. 3.	. 10.	. 17.	. 34.	Dec. 1.	. &	, 15.	, 22	. 23	Weeks Ending
															Scale of Mortality 30
															Diphtheria
															eria.
7.00	, 29.	oct. 6.	. 13.	, 20.	. 2%	Nov. 3.	" 10.	. 17.	. 24.	Dec. 1.	, &	, 15.	. 22	63.	Weeks Ending
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Ţ	30.01	8	61	37	.18	97	03	1/4	22	53	72	00	30.15	8	Weekly

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(241)

Scarlet Fever _____



Hooping Cough.—The number of deaths so reported amounted to eighty-six (86), an increase of twenty-three (23) over the previous year.

Hydrophobia.—The number of deaths from this much dreaded disease were three (3), an increase of one (1) over the previous year. The following figures show the number of deaths in each year since the year 1860:

1860 1861		1873	
1862	6 8	1875	
1865	2 2 2	1878	
1869 1870 1871	7 1 1	1882	-6

Inflammation of the Lungs.—The number of deaths amounted to one thousand, two hundred and eighty-two (1,282), a decrease from previous year of one hundred and forty-five (145); seven hundred and sixty-nine (769) were adults, and five hundred and thirteen (513) were children; six hundred and seventy-five (675) were males, and six hundred and seven (607) were females.

Old Age.—Seven hundred and sixty-seven (767) persons died of old age, of whom two hundred and seventy-five (275) were between the ages of seventy and eighty; three hundred and eighty-four (384) between the ages of eighty and ninety: ninety-one (91) between the age of ninety and one hundred; and seven over one hundred.

Poisoning.—The number of deaths from accidental poisoning amounted to twenty (20); they were classified as follows:

Ammonia,		1	Morphia, .	3
Carbolic Aci	d,	1	Oxalic Acid,	1
Chloral,		1	Strammonium,	1
Ether,		1	Strychnine,	1
Laudanum,		6	Not stated,	2
Lead.		2	•	

Small Pox.—The number of deaths reported amounted to one hundred and seventy-three (173), a decrease from previous year of forty-one (41),—see chart and special tables.

Suicides.—The number of deaths amounted to ninety-five (95), an increase of eighteen (18) over the previous year; of whom seventy-nine (79) were males, and sixteen (16) were females. The various modes adopted were as follows:

Arsenic,	2	Morphia,		1
Corrosive sublimate	, 2	Opium,		1
Cutting throat, .	17	Paris green,		1
Drowning,	3	Phosphorus,		2
Fire (coal oil), .	1	Rat poison,		2
Hanging,	25	Railroads,		1
Jumping from windo	w, 1	Shooting,		23
Laudanum.	12	Strychnine.		1

Sun Stroke.—Thirty-two (32) deaths so reported; twenty-four (24) were males, and eight (8) were females.

Tumor.—The number of deaths amounted to fifty-six (56); eighteen (18) were males, and thirty-eight (38) were females. They were classified as follows:

Abdominal,		4	Ovarian,		17
Bowels,		1	Neck,		2
Brain,		14	Stomach,		5
Face,		1	Uterus,		8
Groin,		1	Unclassified,		2
Liver,		1			

TABLE IX.

The following table shows the percentage of deaths to total mortality during specified periods of life compared with a similar statement of the mortality in the year 1882. Still-births excluded.

			1882	.				188	8.	
Under	1 7	ear,	4,149	Being	20.68	per cent.	4,200	Being	20.92	per cent
1 to	2	"	1,415	"	7.05	"	1,884	"	6.89	"
2 "	5	"	1,690	"	8.42	u	1,888	"	9.18	u
5 "	10	4	983	66	4.90	u	1,087	"	5.16	u
10 "	15	"	872	4	1.85	u	850	"	1.74	44
15 *	20	4	544	*	2.71	u	561	"	2.79	"
20 "	30	"	2,110	"	10,51	"	2,044	"	10.18	"
80 "	40	"	1,854	u	9.34	u	1,805	"	8.99	"
40 "	50	"	1,580	u	7.87	"	1,643	"	8.18	4
50 "	60	"	1,551	"	7.78	"	1,546	"	7.70	**
60 "	70	"	1,544	"	7.69	"	1,469	"	7.81	"
70 "	80	"	1,394	"	6.94	"	1,849	4	6.71	"
80 "	90	"	718	u	3,57	u	722	"	3,59	"
90 "	100	"	188	"	.68	u	126	"	.62	"
100 "	110	"	15	"	.07	u	7	"	.08	"
10 "	120	"	2							·······

The number of children under ten years of age amounted to eight thousand four hundred and fifty-four (8,454), or 42.10 per cent. of the total mortality, an increase over the previous year of two hundred and seventeen (217).

3 8 TABLE X.—The number of Deaths in each Week, in the City of Philadelphia, with the Age, Sex, Nativity, 몷 ĸ 8 174 158 157 187 .eroniM Adulta. 110 8 • 8 110 • 8 8 8 8 2 8 8 2 (Still-born excluded.) 8 8 AGES. \$ 8 8 \$ ន 8 15 8 2 2 9 ю and Wards, for the year 1883. 10 64 8 Under 1 year. Girls. 7 Воув. 18 Z Totala. 14..... 3 Weeks ending February January March April

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February	8	279	120	18	3 17	16	9	11	23	7	16	6	9	Ħ	4	10	60	-	16	16	80	15	21	23	10	00	10	17	15		27		24	1	12
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3	24	251	93	14	22	10	00	12	90	7	19	10	7	9	4	9	9	-	24	9	00	10	14	22	60	10	10	15	12		33		22	0	- =
March	3	292	97	15	18	12	9	90	11	9	19	4	4	10	10	0	*	19	20	13	16	50	28	21	00	12	6	25	18		22		26	15	12
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TABLE XI.—DEATHS. Adults and Children.

Premature births and still-born excluded.

1883. Months.	Males.	Females.	Adults.	Children.	Total.
January	1,027	994	1,169	852	2,021
February	792	708	884	616	1,500
March	818	860	1,004	674	1,678
April	843	801	1,001	643	1,644
Мау	932	868	1,019	781	1,800
June	723	743	745	721	1,466
July	1,027	960	800	1,187	1,987
August	1,006	992	878	1,120	1,998
September	743	678	690	781	1,421
October	857	800	917	740	1,657
November	688	712	795	605	1,400
December	767	7 87	809	695	1,504
	10,223	9,853	10,711	9,365	20,074
	20,0	76	20,0	76	•

Premature births and still-births are not included in the above figures.

The largest mortality occurred in the month of January, two thousand and twenty-one (2,021), and the lowest number in the month of November, one thousand four hundred (1,400); the excess of males over females was three hundred and seventy (370), and the adults over children, one thousand three hundred and forty-six (1,346).

TABLE XII.—DEATHS IN EACH WARD.

The following table of mortality in each Ward, with population (according to Tenth Census), with the ratio of deaths to population, and the percentage of deaths in each Ward to the total mortality (still-births not excluded).

Wards.	Population Tenth Census.	Area in square miles,	Deaths.	Deaths to population.	Percentage of deaths to total mortality.
First	43,085	5.509	956	1 in 45	4.76
Second	28,498	.442	709	1 in 40	8.53
Third	18,271	.191	498	1 in 37	2.45
Fourth	18,858	.229	656	1 in 28	8.26
Fifth	16,868	.321	529	1 in 80	2.63
Sixth	10,004	.821	228	1 in 48	1.13
Seventh	31,087	.439	828	1 in 87	4.12
Eighth	19,545	.435	894	1 in 49	1.96
Ninth	12,481	.400	258	1 in 47	1.28
Tenth	23,363	.359	455	1 in 51	2.26
Eleventh	12,930	.210	331	1 in 39	1.64
Fwelfth	14,690	.198	820	1 in 45	1.59
Thirteenth	18,646	.259	874	1 in 49	1.86
Fourteenth	22,854	.300	475	1 in 47	2.36
Fifteenth	47,865	1.049	1,007	1 in 47	5.01
Sixteenth	17,802	.281	418	1 in 42	2.08
Seventeenth	20,451	.251	539	1 in 37	2.68
Eighteenth	29,354	.650	744	1 in 39	3,70
Nineteenth	48,887	.698	1,137	1 in 38	5.66
Twentieth	43,207	.784	896	1 in 48	4.46
Twenty-first	19,699	7.129	363	1 in 54	1.80
Twenty-second	31,793	18.114	568	1 in 56	2.80
Twenty-third	26,522	42,716	471	1 in 56	2.34
Fwenty-fourth	46,057	9.725	1,006	1 in 45	5.01
Twenty-fifth	86,104	10.359	984	1 in 36	4.90
Twenty-sixth	35,138	7.481	785	1 in 44	8.91
Twenty-seventh	23,284	11.680	1,123	1 in 20	5.59
Twenty-eighth	84,442	6.343	759	1 in 45	3.78
Twenty-ninth	40,787	1,400	1,012	1 in 40	5.04
Thirtieth	29,100	.519	619	1 in 47	3.08
Thirty-first	31,308	.718	644	1 in 48	3.20
Total	846,980	129.450	20,076		

Ratio of deaths to (estimated) population, 907,041, in 1883; 22.13 per thousand, or 45.18 persons living to 1 death.

WEEK ENDING SATURDAY, JANUARY 6, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.
Abscess of Liver	1		Hooping-cough
M Neck	1		Third 8
Alcoholism	_		Inna mat n, Drain 1 o Fourth 15
Aneurism of Aorta	1		Bistager
*Asthma	1		Seventh 19
Apoplexy	6		Klaneys 1 Eighth
Anæmis	1		Ance Joint 1
Bright's Disease	9	1	Larynx Eleventh 6
Burns and Scalds		2	Lungs 22 15 Tweith 7
Cancer of Breast	2		reficardium 1 Fourteenth
" Nose	1		Fifteenth 80
" Pancreas	1		5. & Dowels. 1 4 Sixteenth 7
Stomach	5		Spine
Uterus	5		Nineteenth 27
Casualties	4	1	Jaundice 1 1 Twentieth 24
Cerebro-spinal Meningitis		2	Mania-a-potu
Congestion of Brain	1	5	Marasmus 9 Twenty-third 7
" Lungs		4	Marasmus 9 Twenty-third 7 Measles 2 Twenty-fourth 18 Old Age 25 Twenty-fixh 19
Chorea		1	
Cirrhosis of Liver	2	l	Paralysis 6 1 Twenty-sixth 9
Consumption of Lungs	58	4	Purpura Hemorrhagica 1 Twenty-eighth 16
Convulsions		9	Pyemia 1 Twenty-ninth 17
Croup		15	Rheumatism 1 Thirtieth 18 Thirty-first 5
Cyanosis		5	I II OF TRACE
Debility		6	Scrofula 1 *Almshouse, 7. † Municipal Hespital, 0.
Diabetes	2		Septicæmia 1
Diarrhœa		4	Smell-nov 1 9
Diphtheria	2	26	Softening of Brain 4 Nativity, etc.
Dropsy	_	20	Suicide Strychnine 1
ef Brain		1	Suffication 1 United States 298
4 Chest			Syphilis 1 Foreign 104
Heart			Teething 2 Unknown 12
4 Lungs			Tetanus
Disease of Heart		4	Uramia
		i	Wounds, Gunshot 1
" Hip		- 1	
" Liver	1		TOTALS
Enlargement of the Heart.	1		Females 199
	1		
Epilepsy	1	·	1 11
Erysipelas	1		Girls 80
Exposure	ı	1	Of the above there were:
Fatty Degen. of Heart	1	······	Under 1 year 66
Fever, Brain	1		From 1 to 2
" Malarial	1		" 2 to 5
remittent		2	" 10 to 15
" Scarlet		12	" 15 to 20 11 Total 5
" Typhoid	2	5	20 10 30
Gangrene			" 40 to 50 32
Heart Clot			" 50 to 60
Hemorrhage, Brain			" 70 to 80
" Lungs		1	" 80 to 90
Stomach	1		" 90 to 100 1 Total
	1	1 1	l II

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DUBING THE WEEK ENDING SATURDAY, JANUARY 6, 1883.

Month and Day.		BARO	BAROMETER.		ļ	H	EBMO	: Thermometer.	në.		REL. HUM	RELATIVE HUMIDITY.		DIRECTION O	N 0F	Δ 2 8	VELOCITY OF WIND.	14	STAT	STATE OF WEATHER.	HER.	RAIN.
1882. DECEMBER.	7.07 A. M.	3.07 P. M.	11.07 P. M.	Mean Daily Value.	70.7 .M .A	P. M.	11.07 P. M.	Mean Daily Value.	.m'xsM	.m'nìM	.M .A	3.07 F0.11	7.07 A. M.	3.07 M .T	11.07 Mq	70.7 .M.A	8.07 P. M.	11.07 P. M. A	7.07 A. M.	M. 3.77 A. M.	A. M. 11.07 P. M.	r i
Sunday, 31,	30.24	30.18	30.25	30.23	ಪ	4	88	37.7	24	22,	72	57 72	N.W.	N.W.	N.W.	63	4	89	Fair.	Fadr.	Clear.	8
1883. Monday, 1,	30.35	30.28	30.23	30.28	器	8	<u>-</u>	36.7	42				N.W.	. 8.W.	S.W.	9	4	4	Fair.	Cloudy.	Lt. Snow. *	į.
Tuesday, 2,	30.30	30.40	30.51	30.40	æ	88	32	35.3	4	 젊	- <u>s</u> -		B.W.	N.W.	N.W.	•	=	60	Clear.	Clear.	Clear.	8
Wed'sday, 3,	30.44	30.25	30.31	30.33	31	4	 8	37.2	<u>참</u>	 ਛ		- 73	80 Edi	S.W.	S.W.	64	~	10	Cloudy.	Cloudy.	Clear.	S
Thursday, 4,	30.42	30.51	30.45	30.46	æ	8	8	7.02	4	 8	 	92 99	N.W.	Z. E.	Z Ei	71	6	10	Fair.	Cloudy.	Lt. Snow.	.!
Friday, 5,	30.35	30.24	30.22	30.27	19	83		21.0	4	81		88	N.E.	Ä.E.	z	18	13	∞	Lt. Snow.	Lt. Snow. Lt. Snow. Lt. Snow.	Lt. Snow.	.12
Saturday, 6,	30.18	30.06	29.91	30.15	83	8	 &	0.72	<u>.,</u>	-		- 2 - 2	Ei Z	Ä.	N.E.	9	9	4	Cloudy.	Sleet.	Lt. Rain.	8.
					İ	╬	#	Ï	+		#	1		1				Ī				
Means				30.30			<u> </u>	32.1	+	$\dot{=}$	-		-									.18

*Too small to measure. The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

WEEK ENDING SATURDAY, JANUARY 13, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EAC.	H
Alcoholism	4 6		Jaundice	1	1 1	FirstSecond	21 13
Asthma	1		Marasmus	1	8	Third Fourth	12 15
Bright's Disease	6	1	Measles		8	Fifth	10
Cancer of Bladder	1		Neuralgia of the Heart	1 .		Six.h	1
" Breast	i			- 1		Seventh	15
" Liver	1		Obstruction of Bowels	- 1		Eighth Ninth	18 5
" Omentum	i		Paralysis	4	1	Tenth	9
" Stomach	_		Poisoning, Morphine	1		Eleventh	9
	2			2	1	Twelfth	5 7
· · · · · · · · · · · · · · · · · · ·	2		Pyæmia	1	- 1	Fourteenth	11
Casaulties	-	1	Rheumatism of Heart	- 1		Fifteenth	80
Cerebro-spinal Meningitis	1	1	Scrofula	••••	1	Sixteenth	.9
Chicken-pox		1	Septicæmia	1 .		Seventeenth	12 17
Congestion of Brain		4	Small-pox	8	7	Nineteenth	20
" Liver		1	Softening of Brain			Twentieth	15
ranga		8	Suicide, Cutting Throat	- 1		Twenty-first Twenty-second	13 7
Cirrhosis of Liver	4		" Laudanum	•••••	1	Twenty-third	8
Consumption of Bowels	1		Suffocation	•••••	1	Twenty-fourth	18
" Lungs		5	Tabes Mesenterica	••••	1	Twenty-fifth	21
Convulsions		10	Tetanus	1	1	Twenty-sixth *Twenty-seventh.	8 15
Croup		18	Trismus Nascentium		1	Twenty-eighth	16
Cyanosis		4	Tumor, Ovarian	1 .		Twenty-ninth	22
Debility		8	Ulceration of Bowels	1 .		Thirtieth	8 7
Diabetes	1		Uræmia	6 .		Thirty-first	
						#Almshouse, 5. † Munic	
Diarrhœa	2	1		-		Hospital, 1.	crber
	_	1 22	TOTALS2	07	183	*Almshouse, 5. † Munic Hospital, 1.	crber
Diphtheria		1 - 1	TOTALS2	207	183		cipai
Diarrhea Diphtheria Dropsy " of Brain	 2	1 - 1	TOTALS2	07	183	Hospital, 1.	cipai
Diphtheria Dropsy " of Brain	2	22 	TOTALS2	207	183		298
Diphtheria Dropsy	2	22 8	TOTALS	207 1	183	Nativity, etc.	
Diphtheria Dropsy " of Brain " Heart Disease of Heart	2 8 18	22 8 	TOTALS	207	188	Nativity, etc. United States Foreign	298
Diphtheria	2 8 18 1	22 8 	TOTALS2	907 1	188	Nativity, etc. United States Foreign Unknown	298 77 15
Diphtheria	3 18 1	22 8 	TOTALS2	907 1	188	Nativity, etc. United States Foreign Unknown People of Color	298 77 15 21
Diphtheria Dropsy " of Brain " Heart Disease of Heart " Kidneys Embolism of Heart Enlargement of the Heart	2 8 18 1 1	22 8 	TOTALS	907	188	Nativity, etc. United States Foreign Unknown People of Color From Almshouse	298 77 15
Diphtheria	2 3 18 1 1 1	22 8 	TOTALS2	207 1	183	Nativity, etc. United States Foreign Unknown People of Color	298 77 15 21
Diphtheria	3 18 1 1 1	22 2 	TOTALS2	207 1	183	Nativity, etc. United States Foreign Unknown People of Color From Almshouse From Municipal	298 77 15 21 5
Diphtheria	3 18 1 1 1 1	22 2 	TOTALS2	207 1	183	Nativity, etc. United States Foreign Unknown People of Color From Almshouse From Municipal	298 77 15 21 5
Diphtheria	3 18 1 1 1 1 1 2	22 2 			183	Vativity, etc. United States Foreign Unknown People of Color From Almshouse From Municipal Hospital	298 77 15 21 5
Diphtheria	3 18 1 1 1 1 1 1 1	22 2 11 3	Of the above there were:			Nativity, etc. United States Foreign Unknown People of Color From Almshouse From Municipal Hospital Males Females	298 77 15 21 5 1
Diphtheria	3 18 1 1 1 1 1 2	22 2 11 3	Of the above there were:		68	Nativity, etc. United States Foreign Unknown People of Color From Almshouse From Municipal Hospital Males Females Boys	298 77 15 21 5 1 192 198
Diphtheria. Dropsy	3 18 1 1 1 1 1 2	22 2 11 3 1	Of the above there were: Under 1 year From 1 to 2		68 37	Nativity, etc. United States Foreign Unknown People of Color From Almshouse From Municipal Hospital Males Females	298 77 15 21 5 1 192 198 93
Diphtheria. Dropsy	3 18 1 1 1 1 1 1 2	22 2 11 31	Of the above there were: Under 1 year From 1 to 2 " 2 to 5		68 37 49	Nativity, etc. United States Foreign Unknown People of Color From Almshouse From Municipal Hospital Males Females Boys	298 77 15 21 5 1 192 198 93
Diphtheria. Dropsy	3 18 1 1 1 1 1 2 1 2	22 2 11 3 1 1 1 1 1 1	Of the above there were: Under 1 year		68 37 49 15	Nativity, etc. United States Foreign	298 77 15 21 5 1 192 198 93
Diphtheria. Dropsy	3 18 1 1 1 1 1 1 2 1 2 2	22 2 11 31 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Of the above there were: Under 1 year		68 37 49 15 6	Nativity, etc. United States Foreign	298 77 15 21 5 1 192 198 93
Diphtheria. Dropsy	3 18 1 1 1 1 1 1 2 1 2 2 2 2	22 8 2 11 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Of the above there were: Under 1 year		68 37 49 15 6 18	Nativity, etc. United States Foreign Unknown People of Color From Almshouse From Municipal Hospital Males Females Boys	298 77 15 21 5 1 192 198 93 90
Diphtheria. Dropsy	3 18 1 1 1 1 1 1 2 1 2 2 2 8	22 3 2 	Of the above there were: Under 1 year		68 37 49 15 6 13 38	Nativity, etc. United States	298 77 15 21 5 1 192 198 93 90
Diphtheria Dropsy " of Brain " Heart " Kidneys Embolism of Heart Enlargement of the Heart " Liver Exposure Fever, Scarlet " Typhoid Gangrene Hemorrhage, Lungs Hooping-cough Hydrophobia Hypertrophy of Heart " Bronchi " Kidneys " Kidneys " Larynx	2 3 18 1 1 1 1 1 2 1 2 2 2 3	22 8 2 11 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Of the above there were: Under 1 year		68 37 49 15 6 13 38 34	Nativity, etc. United States Foreign	298 77 15 21 5 1 192 198 93 90
Diphtheria. Dropsy	2 3 18 1 1 1 1 1 2 1 2 2 2 2 8	22 2 11 3 1 1 1 1 1 1 1 1 1 1	Of the above there were: Under 1 year		68 37 49 15 6 18 38 34 32	Nativity, etc. United States Foreign	298 77 15 21 5 1 192 198 93 90
Diphtheria. Dropsy	3 18 1 1 1 1 1 1 2 1 2 2 2 8 3	22 3 2 	Of the above there were: Under 1 year From 1 to 2 2 to 5 5 to 10 10 to 15 15 to 20 20 to 30 30 to 40 40 to 50 50 to 60		68 37 49 15 6 18 38 34 32 27	Nativity, etc. United States	298 77 15 21 5 1 192 198 93 90
Diphtheria. Dropsy	2 	22 	Of the above there were: Under 1 year		68 37 49 15 6 18 38 34 32 27 27	Nativity, etc. United States Foreign	298 77 15 21 5 1 192 198 93 90
Diphtheria. Dropsy	2 3 18 1 1 1 1 1 2 1 2 2 3	22 	Of the above there were: Under 1 year		68 37 49 15 6 18 38 34 32 27 27 81	Nativity, etc. United States	298 77 15 21 5 1 192 198 93 90
Diphtheria. Dropsy	2 3 18 1 1 1 1 1 2 1 2 2 3	22 	Of the above there were: Under 1 year		68 37 49 15 6 18 38 34 32 27 27	Nativity, etc. United States Foreign	298 77 15 21 5 1 192 198 93 90 5 0 5

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, JANUARY 13, 1883. DURING THE

BAIN.	Ĭ.	6.	ś	<u> </u>	.72	**	8	<u>-</u>	8.1
THER.	3.07 P.M. 11.07 P.M.	Clear.	Cloudy.	Lt. Snow.	Lt. Snow.	Clear.	Clear.	Lt. Rain.	
STATE OF WEATHER.	3.07 P. M.	Fair.	Cloudy.	Cloudy.	Lt. Snow. Lt. Snow.	Clear.	Clear.	Cloudy.	
STAT	7.07 A. M.	Cloudy.	Clear.	Fair.	Lt. Snow.	Lt. Snow.	Clear.	Clear.	
Fe	11.07 P. M.	60	10	14	6.	14	8	10	
VELOCITY OF WIND.	8.07 P. M.	60	•	4	12	•	12	6	
O V	70.7 .M .A	60	60		92	•	00	es	
40.1	70.11 .M .A	8. W.	N.W.	zi	zi	z.	`.	S.W.	
DIRECTION WIND.	70.8 M. A	S.W.	N. E.	Z. E.	zi	z	X	S. W.	
DIB	70.7 .MA	N.W.	ż	N.W.	zi	zi	N.W.	¥	
YE TY.	11.07 P. M.	901	8	100	100	49	72	100	
RELATIVE HUMIDITY.	8.07 P. M.	73	19	2	88	2	75	.	
E E	70.7 .M. A	2	8	12	91	2	67	25	! .
	.ar'aiM	8	83	18	17	16	13	82	
.	Max'm.	4	8	8	75	23	23	88	
Thermometer.	Mean Daily Value.	33.8	33.3	23.7	20.5	18.7	21.0	30.8	0. 26.0
IERN	11.07 P. M.	踞	88	18	21	16	12	84	<u> </u>
6	8.07 P. M.	88	8	27	8	21	88	8	
	70.7 .M .A	33	8	138	17	19	15	19	
	Mean Daily Value.	29.99	30.05	29.93	29.64	30.01	30.48	30.20	30.04
BAROMETER.	11.07 P. M.	30.16	29.99	29.78	29.74	30.16	30.59	29.97	
BARON	3.07 P. M.	29.95	30.01	29.97	29.60	29.97	30.50	30.18	
	7.07 A. M.	29.87	30.17	30.04	29.58	29.88	30,36	30.46	
Day.	3Y.	7.	œ,	6	10,	11,	12,	13,	
Month and	1883. JANUARY	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday, 11,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

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WEEK ENDING SATURDAY, JANUARY 20, 1883.

CAUSES OF DEATH.	ADULTS	MINORS	CAUSES OF DEATH.	ADULTS	MINORS	DEATHS IN EAC WARD.	H
Abscesses	ļ	1	Infla'mat'n, Bronchi	4	18	First	15
Aneurism of Aorta	2		" Kidneys		1	Second Third	19 6
Apoplexy	11		" Larynx		4	Fourth	8
As phyxia	1	l	" Lungs		18	Fifth	11
Asthma	3		" Pericardium	1	1	Sixth	12 12
Bright's Disease	7		" Peritoneum.	1		Seventh	12
•	1	1	" S. & Bowels	4	2	Eighth	3
Burns and Scalds		1 - 1				Tenth	12
Cancer of Breast	2		орине	•		Eleventh	6
моши	1		Inanition		4	Twelfth	
" Scalp	1		Jaundice	1		Thirteenth	14 11
" Stomach	1		Laryngismus Stridulus	•••••	1	Fifteenth	25
" Spleen	1	 	Marasmus	1	8	Sixteenth	7
" Uterus	2		Old Age	17		Seventeenth	13
Casualties	6		Obstruction of Bowels	1		Eighteenth	16
Congestion of Brain	1	4	Paralysis	11	2	Nineteenth Twentieth	27 15
" Lungs	5		Rheumatism of Heart	1		Twenty-first	4
Cirrhosis of Liver	1	1	Septicæmia	1		I wenty-second	8
	1	1		3	5	Twenty-third	. 8
Consumption of Bowels	_	- 1	Small-pox	_	1 - 1	Twenty-fourth	15 28
Dungo	62	4	Softening of Brain	1		Twenty-fifth Twenty-sixth	15
Convulsions	1	12	Spina Bifida	•••••	1	*Twenty-seventh.	22
" Puerperal		1	Teething		1	Twenty-eighth	19
Croup		13	Tumor, Brain		1	Twenty-ninth	25
Cyanosis		3	" Neck	1		Thirtieth	10 10
Debility	9	6	" Uterus	1			
	9	6	" Uterus Uræmia	1 1			
Diabetes		1 1	Uræmia	1		*Almshouse, 12. †Muni Hospital, 4.	
Diabetes Diarrhœa	1		Uræmia	1	1 1	*Almshouse, 12. †Muni Hospital, 4.	
Diabetes Diarrhœa Diphtheria	1 1	1	Uræmia	1			
Diabetes	1 1 1	1 28	Uræmia	1		*Almshouse, 12. †Muni Hospital, 4.	
Diabetes	1 1 1 2	1 28	Uræmia	1		*Almshouse, 12. †Muni Hospital, 4.	cipal
Diabetes	1 1 1 2 2	1 28	Uræmia	1		*Almshouse, 12. †Muni Hospital, 4. Nativity, etc.	cipal
Diabetes	1 1 1 2 2 1	1 28	Uræmia	1		Mativity, etc. United States Foreign	294 97
Diabetes	1 1 2 2 1 17	1 28 1	Uræmia	1		*Almshouse, 12. †Muni Hospital, 4. Nativity, etc. United States Foreign Unknown	294 97 16
Diabetes	1 1 2 2 1 17	1 28	Uræmia	1		*Almshouse, 12. †Muni- Hospital, 4. Nativity, etc. United States Foreign Unknown People of Color	294 97 16 23
Diabetes	1 1 2 2 1 17	1 28 1	Uræmia	1		*Almshouse, 12. †Muni- Hospital, 4. Nativity, etc. United States Foreign Unknown People of Color From Almshouse	294 97 16 23
Diabetes	1 1 2 2 1 17	1 28 1	Uræmia	1		*Almshouse, 12. †Muni- Hespital, 4. Nativity, etc. United States Foreign Unknown People of Color From Almshouse From Municipal	294 97 16 23
Diabetes	1 1 2 2 1 17 1	1 28 1	Uræmia	1		*Almshouse, 12. †Muni- Hospital, 4. Nativity, etc. United States Foreign Unknown People of Color From Almshouse	294 97 16 23
Diabetes	1 1 2 2 1 17 1 1 1	1 28 1	Uræmia	1		*Almshouse, 12. †Muni- Hespital, 4. Nativity, etc. United States Foreign Unknown People of Color From Almshouse From Municipal	294 97 16 23 12
Diabetes	1 1 1 2 2 1 17 1 1 1 1 3	1 28 1 	Uræmia	243		*Almshouse, 12. †Muni- Hospital, 4. Nativity, etc. United States Foreign Unknown People of Color From Almshouse From Municipal Hospital Males	294 97 16 23 12 4
Diabetes Diarrhea Diphtheria Dropsy " Chest " Heart Disease of Brain " Hip " Liver Embolism of Brain Epilepsy Exysipelas Exposure	1 1 2 2 1 17 1 1 1 1 3	1 28 1 2 1	Uræmia	243	164	*Almshouse, 12. †Muni- Hospital, 4. Nativity, etc. United States Foreign Unknown People of Color From Almshouse From Municipal Hospital Males	294 97 16 23 12 4 203 204
Diabetes	1 1 2 2 1 17 1 1 1 1 3	1 28 1 1 2 1	Ursemia Totals Of the above there were: Under 1 year	1 243	57	*Almshouse, 12. †Muni- Hospital, 4. Nativity, etc. United States Foreign Unknown People of Color From Almshouse From Municipal Hospital Males Females Boys	2944 97 16 23 12 4 203 204 76
Diabetes	1 1 2 2 1 17 1 1 1 1 3	1 28 1 2 1	Of the above there were: Under 1 year	243	57 29	*Almshouse, 12. †Muni- Hospital, 4. Nativity, etc. United States Foreign Unknown People of Color From Almshouse From Municipal Hospital Males	2944 97 16 23 12 4 203 204 76
Diabetes	1 1 2 2 1 17 1 1 1 1 3	1 28 1 2 1	Of the above there were: Under 1 year	243	57 29 37	*Almshouse, 12. †Muni- Hospital, 4. Nativity, etc. United States Foreign Unknown People of Color From Almshouse From Municipal Hospital Males Females Boys Girls	2944 97 16 23 12 4 203 204 76 88
Diabetes Diarrhœa Diphtheria Dropsy " Chest " Heart Disease of Brain " Heart Hip " Liver Embolism of Brain Expliepsy Exysipelas Exposure Fatty Degen. of Heart Fever, Malarial " Puerperal " Scarlet	1 1 2 2 1 17 1 1 1 1 3	1 28 1 2 1 6	Of the above there were: Under 1 year. From 1 to 2	1 243 	57 29 37 19	*Almshouse, 12. †Muni- Hospital, 4. Nativity, etc. United States Foreign Unknown People of Color From Almshouse From Municipal Hospital Males Females Boys	294 97 16 23 12 4 203 76 88
Diabetes Diarthœa Diphtheria Oropsy " Chest " Heart Disease of Brain " Hip " Liver Embolism of Brain Epilepsy Erysipelas Exposure Fatty Degen. of Heart " Puerperal " Puerperal " Scarlet " Typhoid	1 1 2 2 1 17 1 1 1 1 3	1 28 1 2 1	Of the above there were: Under 1 year	1 243 	57 29 37	*Almshouse, 12. †Muni-Hospital, 4. Nativity, etc. United States	294 97 16 23 12 4 203 204 76 88
Diabetes Diarthœa Diphtheria Oropsy " Chest " Heart Disease of Brain " Hip " Liver Embolism of Brain Epilepsy Erysipelas Exposure Fatty Degen. of Heart " Puerperal " Puerperal " Scarlet " Typhoid	1 1 2 2 1 17 1 1 1 1 3	1 28 1 2 1 6	Of the above there were: Under 1 year. From 1 to 2	1 243 —	57 29 37 19	*Almshouse, 12. †Muni-Hospital, 4. Nativity, etc. United States Foreign Unknown	294 97 16 28 12 4 203 204 76 88
Diabetes Diarrhea Diphtheria Dropsy " Chest " Heart Disease of Brain " Hip " Liver Embolism of Brain Epilepsy Erysipelas Exposure Fatty Degen. of Heart Fever, Malarial " Puerperal " Scarlet " Typhoid Gout	1 1 1 2 2 1 17 1 1 1 1 3 3	1 28 1 2 1 6 2 2	Of the above there were: Under 1 year	1 243 —	57 29 37 19 6	*Almshouse, 12. †Muni-Hospital, 4. Nativity, etc. United States	294 97 16 28 12 4 203 204 76 88
Diabetes	1 1 2 2 1 1 17 1 1 1 1 3 3	1 28 1 2 1 6 2	Of the above there were: Under 1 year	1 243	57 29 37 19 6 16	*Almshouse, 12. †Muni-Hospital, 4. Nativity, etc. United States	2944 97 16 29 12 4 203 204 76 88
Diabetes Diaprhea Diaprhea Diphtheria Dropsy " Chest " Heart Disease of Brain " Hip " Liver Embolism of Brain Expliepsy Exysipelas Exposure Fatty Degen. of Heart. Fever, Malarial. " Puerperal " Scarlet " Typhoid Gout Heart Clot Hemorrhage, Bowels	1 1 2 2 1 17 1 1 1 1 3 1 1 1 1 10 1 1 1	1 28 1 2 1 6 2 2 1	Of the above there were: Totals	1 243	57 29 37 19 6 16 42 44	*Almshouse, 12. †Muni-Hospital, 4. Nativity, etc. United States Foreign Unknown	2944 97 16 29 12 4 203 204 76 88
Diabetes Diarrhea Diphtheria Dropsy " Chest " Heart Disease of Brain " Heart " Hip " Liver Embolism of Brain Epilepsy Exysipelas Exysipelas Exposure Fatty Degen. of Heart Fever, Malarial " Puerperal " Scarlet " Typhoid Gout Hemorrhage, Bowels " Liver	1 1 2 2 1 17 1 1 1 1 3 1 1 1 1 1 1 1 1 1 1 1	1 28 1 2 1 6 2 2 1	Of the above there were: Of the above there were: Under 1 year	1 243	57 29 37 19 6 16 42 44 23	Nativity, etc. Nativity, etc. United States	2944 97 16 29 12 4 203 204 76 88
Diabetes Diarthea Diphtheria Oropsy " Chest " Heart Disease of Brain " Hip " Liver Embolism of Brain Epilepsy Erysipelas Exposure Fatty Degen. of Heart " Puerperal " Puerperal " Typhoid Gout Heart Clot Hemorrhage, Bowels " Liver " Liver	1 1 2 2 1 17 1 1 1 1 3 3 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 28 1 2 1 6 2 1 3	Of the above there were Under 1 year	1 243 =	57 29 37 19 6 16 42 44 23 33	*Almshouse, 12. †Muni-Hospital, 4. Nativity, etc. United States	2944 97 16 29 12 4 203 204 76 88
" Heart	1 1 2 2 1 1 1 1 1 1 3 1 1 1 1 1 1 1 1 1	1 28 1 2 1 6 2 1 3 1	Of the above there were: Under 1 year	1 243 =	57 29 37 19 6 16 42 23 33 42	Nativity, etc. Nativity, etc. United States	294 97 16 23 12 4 203 76 88
Diabetes Diarrhœa Diphtheria Diropsy " Chest " Heart Disease of Brain " Heart " Hip " Liver Embolism of Brain Expliepsy Exysipelas Exposure Fatty Degen. of Heart. Fever, Malarial. " Puerperal " Scarlet " Typhoid Gout Heart Clot Hemorrhage, Bowels " Liver " Nose " Umbilical Hooping-cough	1 1 2 2 1 17 1 1 1 1 3 3	1 28 1 2 1 6 2 1 3 1 1 1	Ursemia	1 243	577 29 37 19 6 16 42 44 42 33 33 42 38	*Almshouse, 12. †Muni-Hospital, 4. Nativity, etc. United States Foreign People of Color From Almshouse From Municipal Hospital Males Boys Girls Premature Birth. Males Females Formales	294 97 16 28 12 4 203 204 76 88
Diabetes Diarrhea Diphtheria Diphtheria " Chest " Heart Disease of Brain " Hip " Liver Embolism of Brain Epilepsy Erysipelas Exposure Fatty Degen. of Heart Fever, Malarial " Puerperal " Scarlet " Typhoid Gout Heart Clot Hemorrhage, Bowels " Liver " Nose " Umbilical	1 1 2 2 1 17 1 1 1 1 3 3	1 28 1 2 1 6 2 1 3 1	Of the above there were: Under 1 year	1 243	57 29 37 19 6 16 42 23 33 42	*Almshouse, 12. †Muni- Hospital, 4. Nativity, etc. United States Foreign People of Color People of Color From Almshouse From Municipal Hospital Males Premales Premature Birth. Males Total Still-Born.	2944 97 16 28 12 4 203 204 76 88

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, JANUARY 20, 1883. DURING THE

RAIN.	i.	18.	8	8.	8 .	8	8	8	1.28
THER.	. 11.07 P. M.	Clear.	Fadr.	Cloudy.	Cloudy.	Fair.	Cloudy.	Lt. Rain.	
State of Weather	8.07 A. M.	Clear.	Fadr.	Cloudy.	Lt. Snow. Lt. Rain.	Cloudy.	Lt. Rain.	Lt. Rain.	
BTAT	7.07 A. M.	Lt. Bain.	Clear.	Cloudy.	Lt. Snow.	Cloudy.	Sleet.	Sprinkl'g	
F.e	11.07 P. M.	~	7	0 0	00	90	8	4	
VELOCITY OF WIND.	70.8 P. M.	16	4	۵	9	10	Ħ	«	
₽.6	70.7 .M.A	•	∞	7	o o	٠,٢	•	•	
# O #	11.07 P. M. 9	N.W.	N.W.	X A	S.W.	N.W.	N.E.	X. E.	
DIRECTION WIND.	8.07 F. M. T	N.W.	N.W.	z. E	Z E	N.W.	Z Z	ਸ ਸ	
Ā	70.7 .M .A	S.W.	N.W.	Ä.	z. Z	≱.	Z Z	Ä.	
IVE	11.07 P. M.	22	5	8 8	8	38	82	<u>8</u>	
RELATIVE HUMIDITY.	8.07 P. M.	4	8	88	85	\$	8	8	
HH	70.7 .M.A		8	74	8	85	22	8	
	Min'm.	ន	81	ដ	23	**	88	8	
EB.	.m'xaM	3	8	28	4	4	8	#	
THERMOMETER.	Mean Maily Value.	80.3	88	28.7	85.5	88.2		87.8	8.18
HER	11.07 P. M.		2	8	8	\$	8	4	
H	8.07 .M. ·A	- 8	8	31	4	7	8	8	
	7.07 .M.A	28		 	8	28	8	22	
	Mean Daily Value.	80.12	30.51	30.50	30.05	30.30	30.42	30.13	30.29
BAROMETER.	11.07 P. M.	30.35	30.54	80.46	88.88	30.48	80.40	28.82	
BARO	3.07 P. M.	30.11	30.51	30.48	29.93	30.32	30.38	30.14	
	7.07 A. M.	29.90	30.46	30.55	30.32	30.11	30.47	30.40	
Month and Day.	1883. JANUABY.	Sunday, 14,	Monday, 15,	Tuesday, 16,	Wed'sday, 17,	Thursday, 18,	Friday, 19,	Saturday, 20,	Жевпв.

The surface of the mercury in the distern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

WEEK ENDING SATURDAY, JANUARY 27, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	DEATHS IN EACH WARD.
Abscesses of Lung	2		Infla'mat'n, Pericardium	1	First
" Neck		1	1	8	Second
Alcoholism				2	Third
Apoplexy	1 -			7 2	Fourth
Bright's Disease	1	1		. 6	Six h
	9	1	Inanition		Seventh
Burns and Scalds		2		19	Eighth
Cancer, Diffused			Marasmus		Ninth
от тар				1	Eleventh
Tuver		1	Old Age 10	1	Twelfth
" Mouth				1	Thirteenth
" Uterus	1		Paralysis	4 1	Fourteenth
Cassulties	2	1	Poisoning, Ammonia	1	Sixteenth
Cerebro-spinal Meningitis	ļ. .	2		1	Seventeenth
Congestion of Brain		5		3	Eighteenth
" Lungs		8		2 4	Nineteenth
Cirrhosis of Liver			P	2	Twenty-first
Consumption of Lungs		4	Something of Distriction	1	Twenty-second
Convulsions	1	16	~ B	1	Twenty-third 1
	_	1 1	Durosco, Landanamam	-	Twenty-fourth 2
Croup		10	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	1 -	Twenty-sixth
Degeneration of Kidneys		1	Trismus Nascentium		*Twenty-seventh. 2
Debility		10		1	Twenty-eluhth 1
Diabetes	1		Orocramon or mang	1	Twenty-ninth
Diphtheria	1	29	Uræmia	2	Thirty-first
Dropsy				6 172	
" of Brain		3	TOTALS220		*Almshouse, 11. †Municip: Hospital 0,
" Heart	8		•		<u>-</u>
Disease of Heart	12	1			Madhiller ata
Drowned	1			1.	Nativity, etc.
Dysentery		1			United States 80
Effusion on Brain		1		i l	Foreign 7
Embolism of Brain	1			1	Unknown 1

		1 1			
Epilepsy	1			1	People of Color 2
Epilepsy Erysipelss	1	1		1	People of Color 2 From Almshouse 1
Epilepsy Erysipelas Exposure	1	1			1
Epilepsy Erysipelas Exposure Fatty Degen of Heart	1 1 1	1			1
Epilepsy Erysipelas Exposure Exposure Fatty Degen. of Heart Fever, Malarial	1 1 1	1			From Almshouse 1
Epilepsy	1 1 1	1 1 8	Of the above there were		From Almshouse 1 Males 20
Epilepsy	1 1 1 7	1	Of the above there were:		From Almshouse 1
Epilepsy	1 1 1 7	1 1 8	Under 1 year		Males
Epilepsy	1 1 1 7 2	1 1 8 8	Under 1 yearFrom 1 to 2		From Almshouse 1
Epilepsy	1 1 1 7 2	1 1 8 8	Under 1 year	37	Males
Epilepsy	1 1 1 7 2	1 1 8 8 1	Under 1 yearFrom 1 to 2	37 39	Males
Epilepsy	1 1 1 7 2 1	1 1 .8 .8 	Under 1 year	37 39 26	Males
Epilepsy	1 1 7 2 1 8	1 1 8 8 8	Under 1 year	37 39 26	Males
Epilepsy	1 1 1 7 2 1 3	1 8 8 8	Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20	37 39 26 7	Males
Epilepsy	1 1 7 2 1 8 1	1 8 8 8 1	Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20 " 20 to 30	37 39 26 7 10	Males
Epilepsy	1 1 7 2 1 8 1	1 1 8 8 8 1 2 2	Under 1 year From 1 to 2	37 39 26 7 10 46 36	Males
Epilepsy	1 1 7 2 1 8 1	1 8 8 8 1 2 2 2	Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20 " 20 to 30 " 30 to 40 " 40 to 50	37 39 26 7 10 46 36 28	Males
Epilepsy	1 1 1 7 2 1 8 1 2 2	1 8 8 8 1 2 2 2 11 6	Under 1 year From 1 to 2 2 to 5 5 to 10 10 to 15 15 to 20 20 to 30 30 to 40 40 to 50 40 to 50 50 to 60	37 39 26 7 10 46 36 28 28	Males
Epilepsy	1 1 1 7 2 1 8 1	1 1 8 8 1 2 2 2 11 6 1	Under 1 year From 1 to 2	37 39 26 7 10 46 36 28 28	Males
Epilepsy	1 1 1 7 2 1 8 1 	1 8 8 8 1 2 2 2 11 6 1 4	Under 1 year From 1 to 2	37 39 26 7 10 46 36 28 26 34	Males
Epilepsy	1 1 1 7 2 1 8 1	1 1 8 8 1 2 2 2 11 6 1	Under 1 year From 1 to 2	37 39 26 7 10 46 36 28 26 34 35	Males

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE

WEEK ENDING SATURDAY, JANUARY 27, 1883.

HAIN.	ij	8.	8	8	8	8.	e:	8.	.27
THER.	11.07 P. M.	Fair.	Clear.	Clear.	Fair.	Lt. Snow.	Cloudy.	Lt. Rain.	
STATE OF WEATHER.	7.07 A. M. 3.07 P. M.	Cloudy.	Cloudy.	Clear.	Cloudy.	Cloudy.	Cloudy.	Cloudy.	
STAT	7.07 A. M.	Foggy.	Cloudy.	Clear.	Clear.	Cloudy.	Lt. Snow. Cloudy.	Cloudy.	
Fe	11.07 P. M.	21	22	21	10	=	4	60	
VELOCITY OF WIND.	8.0% P. M.	••	2	12	9	•	9	10	
N N	70.7 .M. A	4	2	•	•	7	7	-	
1 OF	11.07 P. M.	N.W.	S.W.	S.W.	S.W.	Z. E.	K.E.	8.W.	
DIRECTION OF WIND.	8.07 F. M.		₩.	S.W.	S.W.	Z.	Z E	8. W.	
DIB	70.7 .M▲	S.W.	N.W.	S.W.	N.W.	N.W.	N E	σά	
TY.	11.07 P. M.	78	29	29	11	88	88	100	
RELATIVE HUMIDITY.	8.07 P. M.	23	3	22	3	88	55	8	
H. H.	.MA.	100	73	8	88	78	100	78	
	.m'niM	8	16		6	ន	8	23	
<u>#</u>	Max'm.	#3	ដ	ĸ	8	8	প্ত	37	
Thermometer.	Mean Daily Value.	32.8	20.7	16.0	21.0	28.5	24.7	34.0	25.5
HERM	11.07 T. M.	8	16	16	8	8	88	34	
Ē	8.07 P. M.	2	2	ដ	24	8	23	8	
	70.7 .M.A	88	8	.	유	8	্ষ	8	
	Mean Daily Value.	29.96	30.38	30.52	30.44	30.35	30.44	90.18	30.32
BAROMETER.	11.07 P. M.	30.28	30.48	80.57	80.23	80.42	30.42	80.11	
BAROS	8.07 P. M.	29.95	30.34	30.42	30.44	30.86	30.44	80.12	
	7.07 A. M.	29.71	30.36	30.56	30.65	30.28	30.45	80.80	
Month and Day.	1883. JANUARY.	Sunday, 21,	Monday, 22,	Tuesday, 23,	Wed'sday, 24,	Thursday, 25,	Friday, 26,	Saturday, 27,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

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WEEK Ending Saturday, February 3, 1883.

CAUSES OF DEATH.	ADULTS	MINORS	CAUSES OF DEATH.	ADULTS	MINORS	DEATHS IN RACE WARD.	:
Abscesses of Liver	1		Infla'mat'n, Pleura	1		First	17
" Neck		1	" S. & Bowels	2	8	Second	16
" Prostrate	1		« Spine	1	 	ThirdFourth	6 11
Alcoholism	1		" Tonsils		1	Fifth	23
Apoplexy	5		Inanition		8	Sixth	7
Asthma	2		Jaundice	l	1	Seventh	16 9
Bright's Disease	4		Locomotor Ataxia	1	ļ	Ninth	6
Burns and Scalds	1	1	Mania-a-potu	2		Tenth	11
Cancer of Liver	1		Marasmus		11	Eleventh Twelfth	4 5
" Uterus	3		Measles		1	Thirteenth	8
Casualties	4	1	Murder		i	Fourteenth	8 7 16
Congestion of Brain	4	8	The state of the s	24		Fifteenth	16
	4	2	Old Age	9		Sixteenth	16 18
Lungs	3	-	Paralysis	3		Eighteenth	15
Cirrhosis of Liver	1		Pyæmia	2	1	Nineteenth	21
Consumption of Bowels	65	7	Rheumatism of Heart	1	-	Twentieth Twenty-first	28 5
Lungs		18	Sclerosis of Nerve Centres	2	1	Twenty-second	8
Convulsions	1	200	Septicæmia			Twenty-third	10
Croup		9	Small-pox	5	10	Twenty-fourth	17
Cyanosis		2	Spina Bifida	····	1	Twenty-fifth Twenty-sixth	15 17
Debility	6	1	Softening of Brain	5	•••••	*Twenty-seventh	27
Diabetes	2		Suicide, Hanging	1	•••••	Twenty-eighth	18
Diarrhœa	2		Syphilis		1	Twenty-ninth Thirtieth	24 14
Diphtheria		19	Tabes Mesenterica		1	Thirty-first	12
Dropsy	1	*****	Ulceration of Bowels	1			
" of Brain		2	Uraemia	2		*Almshouse, 12. †Munic Hospital, 4.	rber
" Larynx		1	m	260	157		
" Lungs	2	******	TOTALS	200		Nativity, etc.	
Disease of Heart	15	4				Manvity, ott.	
# Tunes	1	1				77 14 1 24 4	
" Lungs		*****					279
" Spine	1	1					
" Spine		1					120
	1	1				Unknown	18
" Spine Effusion on Brain Erysipelas	1 2					Unknown People of Color	18 84
" Spine Effusion on Brain Erysipelas Fatty Degen. of Heart	1 2 1 1	1				Unknown People of Color From Almshouse	18
" Spine Effusion on Brain Erysipelas Fatty Degen of Heart Fever, Continued	1 2 1 1	1				Unknown People of Color From Almshouse From Municipal	18 84 10
" Spine	1 2 1 1	1				Unknown People of Color From Almshouse	18 84
" Spine	1 2 1 1	1 1 1	Of the above there were			Unknown	18 84 10
" Spine	1 2 1 1	1 1 1 9 2	Of the above there were		80	Unknown	18 84 10 4 216
" Spine Effusion on Brain Erysipelas Fatty Degen of Heart Fever, Continued " Malarial " Scarlet " Typhoid " Typhus	1 2 1 1 1 3	1 1 1 9 2	Under 1 year		69	Unknown	18 84 10 4 216 201
" Spine	1 2 1 1 11 3 1	1 1 1 1 9 2	Under 1 year From 1 to 2	•••••	27	Unknown	18 84 10 4 216 201 79
" Spine	1 2 1 1 1 3 1 3	1 1 1 9 2	Under 1 year From 1 to 2	•••••	27 29	Unknown	18 84 10 4 216 201
" Spine	1 2 1 1 1 3 1 3 1	1 1 1 9 2	Under 1 year	•••••	27 29 15	Unknown	18 84 10 4 216 201 79
" Spine	1 2 1 1 3 1 3 1 1	1 1 1 9 2	Under 1 year	•••••	27 29 15 7	Unknown	18 84 10 4 216 201 79
" Spine	1 2 1 1 1 3 1 3 1 1 1	1 1 9 2	Under 1 year	•••••	27 29 15 7	Unknown	18 84 10 4 216 201 79
" Spine	1 2 1 1 1 3 1 3 1 1 1	1 1 9 2 	Under 1 year	•••••	27 29 15 7 10 54	Unknown	18 84 10 4 216 201 79 78
" Spine	1 2 1 1 1 3 1 3 1 1 1 1 1 1	1 9 2 1 1	Under 1 year	•••••	27 29 15 7 10 54 40	Unknown	18 84 10 4 216 2901 79 78
" Spine	1 2 1 1 3 3 1 1 1 1	1 1 9 2 1 	Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20 " 20 to 30 " 30 to 40 " 40 to 50		27 29 15 7 10 54 40 37	Unknown	18 84 10 4 216 2901 79 78
" Spine	1 2 1 1 1 3 1 3 1 1 1 1 1 2 2	1 1 1 9 2 1 7 6	Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20 " 20 to 30 " 30 to 40 " 40 to 50 " 50 to 60		27 29 15 7 10 54 40 37 41	Unknown	18 84 10 4 216 2901 79 78
" Spine	1 2 1 1 3 1 3 1 1 1 1 1 2 4	1 1 9 2 1 	Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20 " 20 to 30 " 30 to 40 " 40 to 50 " 50 to 60 " 60 to 70		27 29 15 7 10 54 40 37 41 24	Unknown	18 84 10 4 216 2901 79 78
" Spine	1 2 1 1 3 1 3 1 1 1 1 2 4 1 1	1 1 9 2 1 1 7 6 6	Under 1 year From 1 to 2		27 29 15 7 10 54 40 37 41 24 41	Unknown People of Color From Almshouse From Municipal Hospital Males Females Boys Girls Premature Birth. Males Females Total Still-Born.	18 84 10 4 216 291 79 78
" Spine	1 2 1 1 3 1 3 1 1 1 1 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 9 2 1 1 7 6 6	Under 1 year From 1 to 2		27 29 15 7 10 54 40 37 41 24 41	Unknown People of Color From Almshouse From Municipal Hospital Males Females Boys Girls Premature Birth Males Females Total Still-Born	18 84 10 4 216 291 79 78
" Spine	1 2 1 1 3 1 3 1 1 1 1 2 4 1 1	1 1 9 2 1 1 7 6 6	Under 1 year From 1 to 2		27 29 15 7 10 54 40 37 41 24 41	Unknown People of Color From Almshouse From Municipal Hospital Males Females Boys Girls Premature Birth. Males Females Total Still-Born.	18 84 10 4 216 291 79 78

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, Week Ending Saturday, February 3, 1883. DURING THE

RAIM.	ij	&	ŀ		 8	 	 8	<u>ਵ</u>	4
HRR.	A. M. 11.07 P. M.	Cloudy.	Cloudy.	Cloudy.	Clear.	Clear.	Cloudy.	Cloudy.	
STATE OF WEATHER.	3.U	Lt. Bain.	Cloudy.	Clear,	Clear.	Clear.	Clear.	Cloudy.	
STAT	7.07 A. M.	Foggy.	Cloudy.	Clear.	Cloudy.	Cloudy.	Clear.	Lt. Rain.	
ř.e	11.07 11.07 11.07 11.07	•	2	4	7	•	\$	•	
VELOCITY OF WIND.	8.07 P. M.	2	91	4	13	15	φ	0	
N O	7.07 M.A. M. 8.07 P. M.	۰	7	-	=	9	4	69	
W 03	11.07 F. M.	N.W.	N.E.	S.W.	ķ	₩.	년 80	Calm	
DIRECTION O	8.07 F. M.	zi	Z. E	S.W.	≱	`.	년 80	8. W.	
Din	70.7 .MA	S H	N.W.	N.W.	क्ट क्ट	¥.	N.W.	ಟೆ	
NY.	11.07 11.07 11.07	82	2	8	#	2	78	8	
RELATIVE HUMIDITY.	408	28	윓	8	28	\$	8	7	
盟班	70.7 .M.A	28	22	8	8	8	8	8	
	.ar'aiM	83	8	8	\$	8	8	8	
e e	Max'm.	3	3	\$	*	3	22	28	
THERMOMETER.	7.07 A. M. 8.07 P. M. 11.07 Pent Mean Mean Value.	89.7	87.5	8.04	44.3	31.7	9 8	47.0	38.4
HER	11.07 P. M.	#	8	\$	\$	8	8	15	
F	70.8 .M. ·A		8	\$	4	8	8	4	
	70.7	28	8	%	*	28	22	8	
	Mean Daily Value.	86.98	30.02	30.19	29.97	30.40	30.72	30.30	30.37
BAROMETER.	11.07 P.M.	29.97	8.8	30.21	80.10	30.61	30.67	30.18	30.87
BARO	3.07 P. M.	89.88	28.98	30.19	29.93	30.36	30.70	30.26	
	7.07 A. M.	30.01	30.08	30.17	29.88	30.22	72.08	30.46	
Day.	RY.	8	Š,	ક્ષ્ર	31,	BY. 1,	6,	6 0	
Month and Day.	1883. JANUARY	Sunday,	Monday,	Tuesday,	Wed'sday, 31,	FEBRUARY. Thursday, 1,	Friday,	Saturday,	Means

Barometer corrected for temperature, elevation above sea, and instrumental error. *Precipitation too small to measure. The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea.

WEEK ENDING SATURDAY, FEBRUARY 10, 1883.

CAUSES OF DEATH.	ADULTS	MINORS	CAUSES OF DEATH.	ADULTS	MINORS	DEATHS IN EACI WARD.	H
Abscess, Fecal	1		Infla'mat'n, Lungs	23	14	First	23
Apoplexy	12		" Pericardium			Second	16
Asphyxia		1	" Peritoneum,	8	2	Third	8 17
Asthma		1	" S. & Bowels.	1	4	Fifth	12
Bright's Disease	6		Insanity	1		Sixth	17
Burns and Scalds	1	l	Inanition		5	Seventh	17
Cancer of Breast	2		Leucocythemia		1	Ninth	5 1 3 7 5 5 7 23
" Bowels	1		Laryngismus Stridulus		ī	Tenth	3
" Face	1		Malformation		1	Eleventh	7
" Pylorus	1		Marasmus		11	Twelfth Thirteenth	5 5
" Stomach	1		Neuralgia of the Heart	1		Fourteenth	7
" Uterus.:	2			1		Fifteenth	
Casaulties	6	1	Old Age	1 -		Sixteenth	7
Congestion of Brain	2	4	Paralysis	2	1 1	Eighteenth	17
	1	- 1	Pyæmia	1		Nineteenth	18
Liver	8	6	Sclerosis of Spine	1 -	1	Twentieth	26 16
Tungo	-		Septicæmia	1 -		Twenty-first Twenty-second	10
Consumption of Lungs	47	5	Sore Mouth		2	Twenty-third	6
Convulsions	••••••	18	Small-pox	2	5	Twenty-fourth	23
Croup		8	Softening of Brain	2		Twenty-fifth Twenty-sixth	8 17
Cyanosis		8	Stricture of Bowels		1	*Twenty-seventh.	25
Debility	8	5	"Œsophagus	1		Twenty-eighth	13
Diarrhœa	1	1	Suffocation	ļ	1	Twenty-ninth	14
Diphtheria	•••••	13	Suicide, Arsenic	1		Thirtieth	7
Dropsy		1	Syphilis		1		_
" of Brain		1	Teething		2	*Almshouse, 15. †Munic Hospital 2.	ipal
" Heart	2		Tumor of Uterus	2		•	
Disease of Heart	16	1	Ulceration of Stomach	1		Nath the sta	
" Liver	1			213	158	Nativity, etc.	
" Spine		1	Totals	213	100	United States	258
Drowned	2	ll		ļ -		Foreign	93
Dysentery		2				Unknown	20
Effusion on Brain	1	l		•		People of Color	34
Epilepsy	1		•			From Almshouse	15
Erysipelas	2	1			1	From Municipal	10
Exposure	2	ī			1	Hospital	2
Fatty Degen, of Heart	1	*					_
Fever, Scarlet	<u>-</u>	8				Males	183
" Typhoid	7	1	Of the above there were	:		2247021111111111111111111111111111111111	188
Fistula in Anus	i		Under 1 year		79	Boys	-78
Fracture of Skull	1		From 1 to 2		21	Girls	80
					32	GILIS	
" Thigh	2		2 W 0		ı ı	Premature Birth.	
Gangrene of Lung	1	······	. 000 10		13	1 Tomacuro Direm	
Hemorrhage, Brain	1		·· 10 to 10		6	Males	1
Dowels	1	1	10 W 20		7	Females	1
Tungs	1	·····	" 20 to 30		36		-
" Umbilical		1	" 80 to 40		30	Total	2
Hooping-cough	•••••	1	" 40 to 50		45	OAUL D.	
Infla'mat'n, Brain	2	11	" 50 to 60		29	Still-Born.	
" Bronchi	8	13	" 60 to 70	•••••	34	Males	8
			" 70 to 80		21	**************************************	_
" Kidneys	1		10 00 00	•••••	41	Femeles	14
" Kidneys " Larynx	1	1	" 80 to 90		14	Females	22

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

1883.
10,
FEBRUARY
SATURDAY,
Ending
WEEK

BAIN.	4	8.	<u>4</u> .	8	1.21	8	si	86.	1.93
THER.	11.07 P. M.	Cloudy.	Clear.	Lt. Bain.	Clear.	Clear.	Clear.	Lt. Snow.	
STATE OF WEATHER	3.07 P.M.	Cloudy.	Cloudy.	Cloudy.	Fair.	Fair.	Cloudy.	Clear.	
STAT	7.07 A. M.	Cloudy.	Lt. Snow.	Clear.	Lt. Bain.	Clear.	Fair.	Fair.	
ž ė	11.07 P. M.	•	10	4	0	•	•	4	
VELOCITY OF WIND.	8.07 P. M.	82	•	4	10	41	2	₹.	
A O	70.7 M.A	9	•	•	9	co	ø	0.	
go i	11.07 "M 9	`.	₩.	년 xi	N.W.	₩.	¥.	Z. E	
DIRECTION WIND.	.3.07 P. M.	N.W.	₩.	S.W.	N.W.	W.	S.W.	N.E.	
Din	7.07 M.A	S.W.	변 70	Calm	B.W.	zi	S.W.	zi	
VE TY.	11.07 P. M.	73	78	9	19	78	\$	96	
RELATIVE HUMIDITY.	8.07 P. M.	8	72	47	8	19	8	47	
報用	70.7 .MA	8	8	3	28	8	22	2	
	.m'nìM	8	31	ĸ	33	8	8	ĸ	
g	.m'xsM	8		\$	45	\$	£	88	
Тневмометев	Mean Daily Value.	49.0	83.8	30.2	41.3	82.3	87.5	29.0	36.3
HEE	70.11 Mq	8	31	\$	37	8	&	8	
Ĥ	8.07 P. M.	64	64	31	47	8	3	8	
	70.7 .MA.	8	**	a	\$	8	8	8	
	Mean Daily Value.	80.22	30.87	30.85	29.87	30.31	30.42	30.55	30.30
Barometer.	11.07 P. M.	30.45	30.42	30.11	30.06	30.40	30.43	30.38	·
ВАВОВ	3.07 P. M.	30.20	80.27	30.41	29.83	30.30	30.36	30.63	
	7.07 A. M.	30.00	30.41	30.52	29.78	30.22	30.46	30.65	
Day.	RY.	4	'n,	e,	7.	œ,	6	10,	
Month and Day	1883. FEBRUARY	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

WEEK ENDING SATURDAY, FEBRUARY 17, 1883.

CAUSES OF DEATH.	ADULTS	MINORS	CAUSES OF DEATH.	MINORS	DEATHS IN EACH WARD.
Abscess of Liver	1		Intussusception 1		First
Alcoholism	2		Jaundice	2	Second
Anæmia	1		Marasmus 1	13	Third
Apoplexy	10		Old Age 15		F1100
Asthma	2	i	Paralysis 7		Sixth
Bright's Disease	6	1	Rheumatism 1		Seventh
Cancer of Face	1	ll	Sclerosis of Liver 1		Eighth
" Jaw	1		Scrofuls	1	Tenth
" Stomach	2		Septicæmia 1		Eleventh
" Uterus	2		0 35 13	2	Twelfth Thirteenth
	7		1	1	Fourteenth
Casualties		1	<u> </u>		Fifteenth
Cerebro-spinal Meningitis	3	7			Sixteenth
Congestion of Brain		l il	Suffocation 2	•••••	Seventeenth
" Lungs	5	1 1	Syphilis 1		Nineteenth
Cholera Infantum	•••••	1	Tetanus 1	1	Twentieth
Cirrhosis of Liver	3		Tumor of Brain 1		Twenty-first
Consumption of Lungs	45	6	Ursemia 2		Twenty-second Twenty-third
Convulsions	1	17	TOTALS 223	144	Twenty-fourth
Croup		10	IVIAIS220	144	Twenty-fifth
Cyanosis		1	 -		Twenty-sixth
Debility	4	5			*Twenty-seventh. †Twenty-eighth
Diarrhœa	1	4			Twenty-ninth
Diphtheria		18			Thirtieth
Dropsy, Abdominal	1				Thirty-first
of Brain	•	8			*Almshouse, 15. †Municip Hospital, 2.
	17	1			Hospital, 2.
Disease of Heart		2			
н.р		-			Nativity, etc.
Francis	1				
,' Liver	2				United States 2
Effusion on Brain	1	2			Foreign
Fever, Scarlet	•••••	7			Unknown
" Typhoid	6	5	•		People of Color
" Typhus	1			1	
Fracture of Thigh	1				From Almshouse
Gangrene	1				From Municipal Hospital
Heart Clot	1				120801001
Hemorrhage, Bowels	1	l	Of the above there were:		Males 2
" Lungs	4		Under 1 year	61	Females 1
Hernia	1	l	From 1 to 2	22	Boys
Hooping-cough		1	" 2 to 5	32	Girls
Hypertrophy of Heart		1		19	G1115
Infla'mat'n, Brain	2	8	J W 10	5	Premature Birth.
	3	4	10 W 10		- Tomataro Biran
DIOUCUI	1	*	10 10 20	5	Males
" 11	2		- 20 to au	81	Females
" Bladder			" 30 to 40	40	l
" Kidneys	_	1 - 1	" 40 to 50	35	Total
" Kidneys		1			
" Kidneys " Larynx " Lungs	_	9	" 50 to 60	41	0.00
# Kidneys # Larynx # Lungs # Pericardium	26 1	I I	" 60 to 70	41 27	Still-Born.
" Kidneys " Larynx " Lungs	 26	9	00 10 00		
" Kidneys " Larynx " Lungs " Pericardium	26 1 7	9	" 60 to 70	27	Males
" Kidneys " Larynx " Lungs " Pericardium " Peritoneum	26 1 7	9	" 60 to 70 " 70 to 80	27 80	

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

Week Ending Saturday, February 17, 1883.

BAIN.	ij	1.33	8.	8.	.19	8	8.	8	2.17
HRB.	11.07 P. M.	Cloudy.	Clear.	Clear.	Cloudy.	Cloudy.	Foggy.	Cloudy.	
STATE OF WEATHER.	A. M. 8.77 A. M. 11.07 P. M.	Lt. Rain.	Clear.	Cloudy.	Sprinkl'g Cloudy.	Lt. Rain.	Lt. Rain.	Cloudy.	
STAT	7.07	Cloudy.	Fair.	Cloudy.	Cloudy.	Lt. Rain. Lt. Rain. Cloudy.	Lt. Rain.	Lt. Rain.	
ř.e.	11.07 11.07 P. M.	-	2	-	a	•	61	=	
VELOCITY OF WIND.	208	4	=	•	*	16	10	10	
50	70.7 .MA	61	12	4	۰	8	10	•	
r 0#	11.07 P. M.	S.W.	N.W.	N.W.	ជ	N.E.	N.E.	N.W.	
DIRECTION WIND.	3.07 P. M.	छ इ	W.W.	Calm.	덟	N.E.	N.E	B.W.	
DIR	70.7 .MA	त्र इ	N.W.	N.W.	Calm.	N.E.	N.E	Calm.	
# E	11.07 P. M.	8	8	2	28	8	901	88	
RELATIVE HUMIDITY.	7.07 A. M. 8.07 P. M. 11.07	88	9	97	83	88	82	8	
品品	70.7 .MA	8	72	8	8	8	8	8	
	.ar'aiM	8	SS.	8	32	8	æ	27	
#	Max'm.	\$	3	88	8	8	#	8 2	
THERMONETER.	Mean Daily Value.	40.0	34.0	34.0	85.7	87.5	40.7	49.5	88
HER	11.07 P. M.	24	엃	8	33	8	3	3	
F	8.07 P. M.	\$	34	8	3	33	4	28	
	70.7 .M .A	8	8	8	8	33	. 87	3	
	Mean Daily Value.	29.92	30.46	30.48	30.15	30.17	30.23	30.15	30.22
BAROMETER.	11.07 P. M.	28.82	30.59	30.43	30.01	30.28	30.14	30.32	
Вавол	8.07 P. M.	88.88	80.49	30.46	30.12	30.12	30.22	30.11	
	7.07 A. M.	30.06	30.30	30.56	30.31	30.12	30.33	30.03	
Month and Day.	1883. FEBRUARY.	Sunday, 11,	Monday, 12,	Tuesday, 13,	Wed'sday, 14,	Thursday, 15,	Friday, 16,	Saturday, 17,	Means

The surface of the mercury in the cistern of Barometer is \$2.119 feet above the mean level of the sea, Barometer corrected for temperature, elevation above sea, and instrumental error.

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WEEK ENDING SATURDAY, FEBRUARY 24, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	DEATHS IN EACH WARD,
Abscess, Psoas Brain		1	Infla'mat'n, Lungs	First
" Lungs		1	remoneum. 5 1	Fourth 12
" Stomach		1	5. dt Dowels 4 4	Fifth 8
Alcoholism			Tonsin 1	Sixth
Aneurism of Aorta			Insanity 1	Eighth 5
Apoplexy	9	•••••	Inanition 1 7	Ninth 7
Asphyxia		1	Intussusception 1	Eighth
Bright's Disease	3		Jaundice 1	Twelfth6
Burns and Scalds		•••••	Malformation 1	Thirteenth 6 Fourteenth 7
Cancer of Breast	1		Marasmus 3 4	Fourteenth 7 Fifteenth 24
" Stomacn		•••••	Old Age 23	Sixteenth 6
O retus	3	•••••	Obstruction of Bowels 1	Seventeenth 8 Eighteenth 10
Casaulties	2	1	Ossification of an Artery. 1	Nineteenth 14
Cerebro-spinal Meningitis		•••••	Paralysis 4 2	Twentieth 27
Congestion of Brain	3	4	Pyæmia 1	Twenty-first 3 Twenty-second 5
Tunga	2	2	Rheumatism 1	Twenty-third 5
Cholera Infantum		1	Septicæmia 1	Twenty-fourth 15
" Morbus			Sore Mouth 1	Twenty-fifth 12 Twenty-sixth 10
Cirrhosis of Liver	1		Small-pox 1 5	*Twenty-seventh. 33
Consumption of Bowels	1		Softening of Brain 1	Twenty-eighth 17
Lungs		5	Suicide, Cutting Throat 1	Twenty-ninth 22 Thirtieth 9
Collapse of the Lungs		1	" Laudanum 1	Thirty-first 11
Convulsions		14	OHOUMIS 1	
Croup		12	Teething 1	*Almshouse, 10. fMunicipal Hospital 6.
Cyanosis	ī	2	*************	
Debility		4	Ursemia 3	Nativity, etc.
Diarrhea	1	1	TOTALS217 141	
Diphtheria		19		United States 251
" of Lungs		1	į į	Foreign 93
Disease of Brain		1		Unknown 14
" Heart	8	3		People of Color 23
" Kidneys				From Almshouse 10
Drowned	1		·	
Effusion on Brain	-	2	`	
Empyema		1	Of the above there were:	Males 187
Enlargement of the Heart.	1.		Under 1 year 56	Females 171
Erysipelas	3	1	From 1 to 2	Boys
Fever, Malarial	2		" 2 to 5 30	Girls 65
" Puerperal			" 5 to 10	
" Scarlet		5	" 10 to 15 4	Premature Birth.
" Typhoid		3	" 15 to 20 12	
Goitre Exophthalmic	1		" 20 to 30	Males 0
Heart Clot	4	2	" 30 to 40 41	Females 2
Hemorrhage, Kidneys	1		" 40 to 50 35	Total 2
" Lungs		1	" 50 to 60 40	
Hooping-cough		1	" 60 to 70 18	Still-Born.
Infla'mat'n, Brain	4	7	" 70 to 80 26	Males 13
" Bronchi	ន	6	" 80 to 90 13	Males 13 Females 5
" Bladder	1		" 90 to 100 2	
" Kidneys	1	•••••	" 100 to 110 1	Total 18

Meteorological Observations taken at the Signal Office, Philadelphia, WEEK ENDING SATURDAY, FEBRUARY 24, 1883. DURING THE

RAIM.	ġ	8	8.	8.	8	<u>!</u>	8	.13	ll si
THIER,	3.07 P. M. 11.07 P. M.	Clear.	Clear.	Cloudy.	Clear.	Cloudy.	Clear.	Lt. Rain.	
STATE OF WEATHER.	3.07 P. M.	Clear.	Clear,	Cloudy.	Clear,	Cloudy.	Clear.	Cloudy.	
STAT	7.07 A. M.	Lt. Snow.	Cloudy.	Fair.	Clear.	Cloudy.	Clear.	Fair.	
F.G.	M. H.	67	10	•	ø	60	∞	4	
VELOCITY OF WIND.	8.07 F. M.	-	۵	•	8	9	21	=	
#O	70.7 .M.A	91	40	•	81	9	12	•	
r 0#	11.07 M. A	N.W.	`.	(년 (80)	ě	B.W.	N.W.	터	
DIRECTION O WIND.	70.8 .MT	N.W.	₩.	ත්	N.W.	8.₩.	N.W.	8 E	
DIR	70.7 .M .A	Ä	N.W.	덢	N.W.	8.W.	N.W.	Z.E	
VE TY.	11.07 P. M.	8	2	23	8	2	8	8	
RELATIVE HUMIDITY.	8.07 P. M.	8	7	8	4	28	3	22	
H	70.7 .MA	88	22	. 8	8	8	88	19	
	Min'm.	22	8	\$	33	\$	81	7	
ei	Max'm.	#	4	\$	å	7	24	4	
Ther mometer.	Mean Daily Value.	30.7	87.2	88	34.8	88.2	81.5	84.2	85.1
HERM	11.07 IN .e	83	8	\$	8	\$	8	88	
ē	8.07 P. M.	88	4	3	8	28	2	\$	
	70.7 .MA	27	81	\$	\$	88	81	78	
	Mean Daily Value.	30.52	80.44	30.17	30.09	30.02	30.46	80.55	30.35
BAROMETER.	11.07 P. M.	30.54	30.48	29.94	30.16	80.01	30.66	30.35	
BARON	3.07 P. M.	80.51	30.38	30.16	30.12	29.97	30.44	30.59	
	7.07 A. M.	80.50	30.52	30.42	30.01	80.09	30.26	30.71	
Month and Day.	1883. FEBRUARY.	13, 18,	ay, 19,	sy, 20,	day, 21,	day, 22,	у, 28,	day, 24,	Means
Month	1 FEB1	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Mean

Barometer corrected for temperature, elevation above sea, and instrumental error. *Precipitation too small to measure. The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea.

WEEK ENDING SATURDAY, MARCH 3, 1883.

" Lungs	2 8 1 7 1 1 12 8 1 1 1 2 1 4	1 1 4 5 5	Heart Clot	1 5 8 1 1 1 2 19 2 1 8	2 1 10 9 2 2 2 11 5 9	First
" Lungs Alcoholism Aneurism of Aorta Aneurism of Aorta Aphysia Ashyxia Asthma Bright's Disease Burns and Scalds Cancer of Breast " Face " Liver " Ovaries " Stomach " Uterus Cagualties Congestion of Brain " Lungs	2 8 1 7 1 1 12 8 1 1 1 2 1 4	1	" Lungs Hooping-cough	1 5 3 1 1 1 2 19 2 1 8	2 1 10 9 2 2 2 11 5 9	Second
" Lungs	2 8 1 7 1 1 12 8 1 1 1 2 1 4	1	" Lungs Hooping-cough	1 5 3 1 1 1 2 19 2 1 8	2 1 10 9 2 2 2 11 5 9	Third
Alcoholism	8 1 7 1 1 12 8 1 1 1 2 1 4	1	Hooping-cough	1 5 8 1 1 2 19 2 1 8	2 1 10 9 2 2 2 11 5 9	Fifth
Aneurism of Aorta	7 1 1 12 3 1 1 1 2 1 4	1	Hypertrophy of Heart "Brain "Bronchi "Bladder "Kidneys "Larynx "Liver "Lungs "Pericardium "Peritoneum. "S. & Bowels. Inanition Jaundice	1 5 3 1 1 1 1 2 19 2 1 8 8	1 10 9 2 2 2 11 5 9	Sixth
Ansemia	7 1 1 12 3 1 1 1 2 1 4	1	Infla'mat'n, Brain "Bronchi "Kidneys "Larynx "Liver "Lungs "Pericardium "Peritoneum. "S. & Bowels. Inanition Jaundice	5 3 1 1 1 2 19 2 1 8	10 9 2 2 2 11 5 9	Eighth
Apoplexy Asphyxia Asthma Bright's Disease. Burns and Scalds. Cancer of Breast. " Face. " Liver. " Ovaries. " Stomach. " Uterus. Cagualties. Congestion of Brain. " Lungs.	7 1 1 12 8 1 1 1 2 1 4	1	" Bronchi " Bladder " Kidneys " Larynx " Liver " Liver " Pericardium " Peritoneum. " S. & Bowels. Inanition Jaundice	3 1 1 1 2 19 2 1 8	9 2 2 11 5 9 1	Ninth 4 Tenth 10 Eleventh 5 Twirteenth 9 Thirteenth 4 Fourteenth 6 Fifteenth 20 Sixteenth 13 Seventeenth 16 Eighteenth 20 Nineteenth 28 Twenty-first 3 Twenty-first 3 Twenty-second 12
Asphyxia Asthma Bright's Disease. Burns and Scalds. Cancer of Breast. " Face. " Liver. " Ovaries. " Stomach. " Uterus. Cagualties. Congestion of Brain. " Lungs.	1 12 3 1 1 1 2 1 4	1	" Bladder " Kidneys " Larynx " Liver " Lungs " Pericardium " Peritoneum. " S. & Bowels. Inanition Jaundice	1 1 1 2 19 2 1 8	2 2 2 11 5 9	Tenth 10 Eleventh 5 Twelfth 9 Thirteenth 4 Fourteenth 6 Fifteenth 20 Sixteenth 16 Eighteenth 20 Nineteenth 28 Twenty-first 21 Twenty-first 3 Twenty-second 12 Twenty-second 12
Asthma Bright's Disease Burns and Scalds Cancer of Breast "Face "Liver "Ovaries "Stomach "Uterus Cagualties Congestion of Brain "Lungs	1 12 3 1 1 1 2 1 4	1	" Kidneys " Larynx " Liver " Lungs " Pericardium " Peritoneum. " S. & Bowels Inanition Jaundice	1 1 2 19 2 1 8	2 2 11 5 9 1	Eleventh
Bright's Disease	12 3 1 1 2 1 4	1 1 1 4	" Larynx " Liver " Lungs " Pericardium " Peritoneum " S. & Bowels Inanition Jaundice	1 2 19 2 1 8	2 11 5 9 1	Thirteenth
Burns and Scalds	8 1 1 2 1 4	1	" Liver " Lungs " Pericardium " Peritoneum " S. & Bowels. Inanition Jaundice	2 19 2 1 8	11 5 9 1	Fourteenth 6 Fifteenth 20 Sixteenth 13 Seventeenth 16 Eighteenth 20 Nineteenth 28 Twentieth 21 Twenty-first 3 Twenty-second 12 Twenty-second 12
Cancer of Breast	3 1 1 2 1 4	1 4	" Lungs " Pericardium " Peritoneum " S. & Bowels. Inanition	19 2 1 8	11 5 9 1	Fifteenth
" Face	1 1 2 1 4	1 4	" Pericardium " Peritoneum " S. & Bowels. Inanition	2 1 8	5 9 1	Sixteenth
" Liver	1 1 2 1 4	1	" Pericardium " Peritoneum " S. & Bowels. Inanition	8	5 9 1	Eighteenth
" Ovaries " Stomach " Uterus Cagualties Congestion of Brain	1 2 1 4	1 4	" S. & Bowels. Inanition	1	5 9 1	Nineteenth
" Stomach " Uterus Cagualties Congestion of Brain " Lungs	2 1 4	1 4	Inanition	1	9 1	Twentieth 21 Twenty-first 3 Twenty-second 12
" Uterus	1 4 8	1 4	Jaundice	1	1	Twenty-nrst 3 Twenty-second 12
Casualties	4 3	1	Marasmus			Twenty-second 12
Congestion of Brain	3	4	Marasmus		ا ہ ا	
Congestion of Brain	8	1 1				Twenty-fourth 22
" Lungs	8	5		19	 	Twenty-fifth 18
	1		Obstruction of Bowels		1	Twenty-sixth 11
Cirrhosis of Liver			Paralysis		1	*Twenty-seventh. 22
1	55	6				Twenty-eighth 15 Twenty-ninth 26
	00	16	Pyæmia		1	Thirtieth 15
Convulsions	****	1 E	Rheumatism	1	2	Thirty-first 12
" Puerperal	1		Scrofula	1	1	*Almshouse, 12. †Municipal Hospital, 1.
Croup	0.00	9	Septicæmia		2	Hospital, 1.
Cyanosis	100	3	Shock, after Operation		1	
Debility	7	5	Small-pox		3	Nativity, etc.
Diarrhœa	2	10	Softening of Brain			
Diphtheria		20	Stenosis of the Heart	. 2		United States 292
Dropsy	2		Suicide, Cutting Throat	. 1		Foreign 97
" of Brain		2	" Shooting	. 1		
" Heart		1	Teething	.	1	Unknown 15
Disease of Heart	5	4	Trismus Nascentium		1	People of Color 87
" Liver	1	***	Tumor of Brain	. 1	1	From Almshouse 12
" Spine		t l	" Ovarian	. 1		From Municipal Hospital 1
Drowned	1		Uræmia	. 8	1	Hospital 1
Empyema	1			.	170	Males 216
Embolism of Brain	i		TOTALS	231	173	Females 188
Enlargement of the Heart	2			==		Boys 98
" "Prostrate	- 5	111				Girls 75
i i	4	1	Of the change the		ı l	G11.15
Epilepsy	****	1	Of the above there were			Premature Birth.
Erysipelas			Under 1 year		74	. romaturo on th
Fatty Degen. of Heart	1	444	From 1 to 2		24 37	Males 2
Fever, Bilious			" 5 to 10		21	Females 2
Maiariai		1	" 10 to 15		7	
" Puerperal	1	***	" 15 to 20		10	Total 4
" Remittent	1	1	" 20 to 30 " 30 to 40		48 28	Outu D
" Scarlet		7	" 40 to 50		45	Still-Born.
" Typhoid	7	6	" 50 to 60		35	Males 16
" Typhus	1		" 60 to 70	•••••	31	
Gangrene, Senile	1		" 70 to 80 " 80 to 90	•••••	19 17	Females 8
" of Lung	1	*****	" 90 to 100		8	Total 24

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADRIPHIA,

DURING THE WEEK ENDING SATURDAY, MARCH 3, 1883.

BAIN.	<u>i</u>	79.	ŀ	8	8.		8		19:
HER.	A. M. 11.07 P. M.	Clear.	Clear.	Cloudy.	Clear.	Fair.	Clear.	Fair.	900000000000000000000000000000000000000
STATE OF WEATHER.	3.07	Cloudy.	Fair.	Clear.	Fair.	Clear.	Clear.	Fair.	
BTAT	7.07 A. M.	Lt. Rain.	Clear.	Clear.	Cloudy.	Clear.	Cloudy.	Threat'g. Fair.	
Fe	11.07 P. M.	۵	12	10	91	7	•	16	
VELOCITY OF WIND.	8.07 P. M.	۰	17	53	7	0	=	7	
A O	70.7 .M .A	•	21	91	7	•	10	•	
# O #	11.07 M9	N.W.	N.W.	8.W.	≱	ß.₩.	N.W.	N.W.	
DIRECTION C WIND.	8.07 P. M.	₩.	₩.	N.W.	N.W.	8. W.	S.W.	N.W.	
DIR	70.7 .M. A	8.W.	≱	N.W.	8.W.	Celm	S.W.	N.W.	
M F	70.11 M. A	79	29	8	12	73	8	8	
RELATIVE HUMIDITY.	8.07 P. M.	12	3	3	15	22	a	22	
器用	70.7 .M.A	8	8	8	5	8	74	72	
	Min'm.	8	8	8	æ	28	\$	22	
蜡	Max'm.	28	4	8	\$	8	2	\$	
Тневномитев.	Mean Daily Daily	48.2	84.3	8.88	39.0	41.3	50.3	35.5	4.8
HEB	11.07	\$	21	31	87	7	3	32	
H	70.8 .M.:T	z	87	-88	3	8	2	87	
	70.7 .MA	28	**	22	33	8	42	87	<u> </u>
	Mean Daily Value.	29.94	30.15	30.35	30.28	30.36	30.00	30.14	30.16
BAROMETER.	11.07 P. M.	30.00	30.25	30.22	3 0. 4	80.27	30.05	30.19	
ВАВО	3.07 P. M.	29.85	\$0.10	30.41	30.28	30.35	29.90	30.12	
	7.07 A. M.	29.97	30.09	30.41	30.13	30.49	30.46	30.13	
Day.	RY.	8	ĸ	27,	88	4 T	ર્લ	&	
Month and Day.	1883. FEBRUARY	Sunday,	Monday,	Tuesday,	Wed'sday, 28,	MARCH. Thursday, 1,	Friday,	Saturday,	Means.

Barometer corrected for temperature, elevation above sea, and instrumental error. "Precipitation toe small to messure, The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea.

WEEK ENDING SATURDAY, MARCH 10, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EAC	н
∆bscess, Arm		1	Hemorrhage, Lungs	1		First	16
" Spine	1		" Uterus	1		Second	13
Alcoholism	1		Hernia, Strangulated	2	 	Third Fourth	117
Anæmia	1		Hooping-cough		5	Fifth	10
Apoplexy	4		Hypertrophy of Heart	1		Six.h	4
Bright's Disease	3	1 1	Infla'mat'n, Brain	1	14	Seventh Eighth	18 10
Burns and Scalds	1	8	" Bronchi	3	9	Ninth	6
Cancer of Arm	1	l	" Kidneys	2	 	Tenth	10
4 Breast	1		" Larynx	1		Eleventh Twelfth	6 8
" Rectum	1		" Liver	1	2	Thirteenth	7
4 Stomach	3		" Lungs	25	18	Fourteenth	12
" Tonsils	1	 	" Peritoneum.	1	ll	Fifteenth	23 12
" Uterus	3		" Pleura	1		Seventeenth	10
Carbuncle	1		" S. & Bowels	4	4	Eighteenth	12
Casualties	2	1	# Spine	1		Nineteenth Twentieth	22 25
Cerebro-spinal Meningitis		1	Inanition	1	7	Twenty-first	777
Congestion of Brain	2	8	Mania-a-potu	2		Twenty-second Twenty-third Twenty-fourth	7
" Liver	1	ll	Marasmus		10	Twenty-third	8 21
" Lungs	1	3	Murder	1		Twenty-fifth	28
Cholers Infantum		1	Old Age	12		Twenty-sixth	18
" Morbus	l .		Paralysis	7	3 .	*Twenty-seventh.	26 13
Cirrhosis of Liver	5		Poisoning, Lead	1		Twenty-eighth	25
Consumption of Lungs	-	9	Pyæmia	4		Thirtieth	12
Concussion of Brain		1	Sclerosis of Spine	1		Thirty-first	18
Convulsions	1	18	Septicæmia	8	3	*Almshouse, 8. †Muni Hospital 0.	cipal
Cramps	1	1	Shock, after Amputation	1	"	Hospital O.	
Croup		10	Sore Mouth		1		
Debility	8	5	Small-pox	1	4	Nativity, etc.	
Degeneration of Liver	-		Softening of Brain	4	I - I		
Diabetes	2		Suicide, Cutting Throat			United States	319
Diarrhœa	ī		" Railroad			Foreign	99
	1 -	24				Unknown	15
Diphtheria	2	I I	Syphilis Tabes Mesenterica		1	People of Color	32
" Abdominal	ı				1	From Almshouse	8
ADdomina	1	4	Teething Tumor of Brain		1	1	
OI DESIII		1 - 1		1	•••••	1	
" Heart	-		Ulceration of Bowels	2		36-3	040
			Uræmia	Z	1	Males	218
Disease of Bladder "Heart			TOTALS	246	187	Females	215
		·····		===	=	Boys	89
Liver	1	·····				Girls	98
Enlargement of the Heart.			Of the above there were	:		Premature Birth	
Epilepsy	1		Under 1 year		74	Fremature birth	•
Erysipelas			From 1 to 2		33 32	Males	3
		1	" 5 to 10		25	Females	1
Fever, Brain		2	" 10 to 15		6		
" Catarrhal			" 15 to 20		17	Total	4
" Catarrhal	1						
" Catarrhal " Puerperal	1	8	" 20 to 30 " 30 to 40	•••••	55 84	Out D	
# Catarrhal # Puerperal # Scarlet # Typhoid	1	1	" 30 to 40 " 40 to 50	· · · · · · · ·	84 37	Still-Born.	
# Catarrhal	1 1 10 1	8	" 30 to 40 " 40 to 50 " 50 to 60		84 37 29		
" Catarrhal	1 1 10	8 4	" 30 to 40 " 40 to 50 " 50 to 60 " 60 to 70		84 37 29 42	Males	11
# Catarrhal # Puerperal # Scarlet # Typhoid # Typhus	1 1 10 1 2 1	8 4 	" 30 to 40 " 40 to 50 " 50 to 60 " 60 to 70		84 37 29		11 9 -20

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

1883.
10,
MARCH
SATURDAY,
Ending
WEEK

HAIN.	ij	ļ.	8	£ :	<u>.</u> l	8.	8	ź	86.
THER.	11.07 P. M.	Clear.	Clear.	Cloudy.	Clear.	Clear.	Cloudy.	Clear.	
STATE OF WEATHER,	7.07 A. M. 3.07 P. M. 11.07 P. M.	Threat'g.	Clear.	Lt. Snow. Lt. Rain.	Clear,	Clear.	Clear.	Cloudy.	
Stat	7.07 A. M.	Fair.	Clear.	Lt. Snow.	Clear.	Clear.	Clear.	Lt. Rain.	
#e	11.07 M 9	23	9	*	15	61	**	-	
VELOCITY OF WIND.	8.07 P. M.	16	10	es .	22	**	ю	13	
A O	70.7 .M.A	4	*	20	14	•	•	12	
#0 L	11.07 M 9	N.W.	z	S.W.	N.W.	₩.	S. E.	₩.	
DIRECTION WIND.	8.07 P. M.	N.W.	N.W.	덟	N.W.	N.W.	σi	N.W.	
DIR	70.7 .M .A	S.W.	N.W.	ක් තේ	N.W.	N.W.	Calm.	N E	
VE IY.	11.07 P. M.	. 19	Z	28	8	92	6	8	
RELATIVE HUMIDITY.	8.07 P. M.	57	22	8	\$	2	\$	88	
H.C.	70.7 .M .A	8	29	8	26	2	8	5	
	Min'm.	ឌ	15	72	23	22	24	88	
贈	Max'm.	33	8	83	41	88	24	3	
THERMOMETER.	Mean Daily Value.	31.7	24.5	34.7	53.1	21.8	34.2	41.5	31.3
HEB	70.11 .M .9	8	8	8	81	8	8	4	
F	8.07 P. M.	\$	8	37	33	ង	42	£	
	70.7 .M .A		11	8	- 8 	7	72		
	Mean Daily Value.	30.15	30.47	29.95	30.12	30.41	30.19	30.46	30.25
BAROMETER.	11.07 P. M.	30.32	30.46	.29.69	30.42	30.34	30.05	30.51	
Вавол	3.07 P. M.	30.00	30,44	29.84	30.14	30.40	30.19	30.32	
	7.07 A.M.	30.14	30.50	30.33	29.81	30.52	%.33	30.54	
Month and Day.	1883. MARCH.	Sunday, 4,	Monday, 5,	Tuesday, 6,	Wed'sday, 7,	Thursday, 8,	Friday, 9,	Saturday, 10,	Means

Barometer corrected for temperature, elevation above sea, and instrumental error. *Precipitation too small to measure. The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea.

100 Week Ending Saturday, March 17, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EACH WARD.	H .
Alcoholism	1		Infla'mat'n Liver	2		First	17
Anæmia	1		" Lungs	23	10	Second	14
Apoplexy	13	ļ	" Pericardium	1		Third	9 8
Asthma	1	 	" Peritoneum.	4	8	Finh	10
Asphyxia		1	" S. & Bowels	8	8	Sixth	6
" Neonatorum,		1	Insanity	2		Seventh	14
Bright's Disease			Inanition	2	5	Eighth Ninth	4
Burns and Scalds		2	Locomotor Ataxia	1		Tenth	11
Cancer of Face	2		Marasmus	ī	14	Eleventh	11
	ī		Measles	•	i	Twelfth Thirteenth	4
" Pelvis	3			1	-	Fourteenth	.11
Stomacn	-	1	Neuralgia of the Heart	_		Fifteenth	27
" Oterus	2		Old Age	21		Sixteenth	14
Casualties	3		Paralysis	10	1	Seventeenth Eighteenth	15 12
Congestion of Brain	2	2	Rheumatism	1		Nineteenth	24
" Kidneys		1	Scrofula		1	Twentieth	25
" Lungs	5	4	Small-pox	2	2	Twenty-first	4 13
Cirrhosis of Liver	3		Softening of Brain	4		Twenty-second Twenty-third	8
Consumption of Lungs	53	10	Strangulation	1		Twenty-fourth	21
Convulsions	1	11	Suicide, Cutting Throat	1		Twenty-fourth Twenty-fifth Twenty-sixth	17
Croup		17	" Shooting	1	 	*Twenty-sixth	15 25
Cyanosis	ı	8	Suppression of Urine	1	ll	Twenty-eighth	19
Debility	6	4	Teething	<u>.</u> .	1	Twenty-ninth	16
Degeneration of Liver	ı		Tumor of Abdomen	1		Thirtieth	10
Diabetes	2		" Uterus	1		Thirty-first	8
Diarrhœa	2	1	Uræmia	1		*Almshouse, 11. †Munic Hospital, 1.	ipal
Diphtheria	_	20				mospital, 1.	
Dropsy		1	TOTALS	251	149		
" of Brain		i		_	==	Nativity, etc.	
	ı	i] 1		_
" Heart	. –	1 - 1			1 1	United States	
							289
Disease of Heart		1					289 95
" Kidneys	1	1				Foreign	95
" Kidneys Emphysema of Lungs	1					Foreign Unknown	95 16
" Kidneys Emphysema of Lungs Enlargement of the Heart	1	1				Foreign Unknown People of Color	95 16 32
" Kidneys Emphysema of Lungs Enlargement of the Heart Erysipelas	1					Foreign Unknown People of Color From Almshouse	95 16
" Kidneys Emphysema of Lungs Enlargement of the Heart Erysipelas Fatty Degen. of Heart	1	1				Foreign Unknown People of Color From Almshouse From Municipal	95 16 32
" Kidneys Emphysema of Lungs Enlargement of the Heart Erysipelas	1	1				Foreign Unknown People of Color From Almshouse	95 16 32 11
" Kidneys Emphysema of Lungs Enlargement of the Heart Erysipelas Fatty Degen. of Heart " " Liver Fever, Malarial	1	1 2				Foreign Unknown People of Color From Almshouse From Municipal	95 16 32 11
" Kidneys Emphysema of Lungs Enlargement of the Heart Erystpelas Fatty Degen. of Heart " " Liver Fever, Malarial " Puerperal	1 1 1 1	1 2	Of the above there were	ı		Foreign	95 16 32 11
" Kidneys Emphysema of Lungs Enlargement of the Heart Erysipelas " " Liver Fever, Malarial	1 1 1 1 1	1 2			49	Foreign	95 16 32 11 1
" Kidneys Emphysema of Lungs Enlargement of the Heart Erystpelas Fatty Degen. of Heart " " Liver Fever, Malarial " Puerperal	1 1 1 1 1	1 2	Of the above there were Under 1 year			Foreign	95 16 32 11 1 188 272
" Kidneys Emphysema of Lungs Enlargement of the Heart Erysipelas Fatty Degen of Heart " " Liver Fever, Malarial " Puerperal " Scarlet " Typhoid	1 1 1 1 1 1 1 8	1 2	Under 1 yearFrom 1 to 2	•••••	25	Foreign	95 16 32 11 1 188 272 66
" Kidneys Emphysema of Lungs Enlargement of the Heart Erysipelas Fatty Degen. of Heart " Liver Fever, Malarial " Puerperal " Scarlet " Typhoid Fracture of Thigh	1 1 1 1 1 1 1 8 1	1 2 1 1 2	Under 1 year	•••••• •••••	25 82	Foreign	95 16 32 11 1 188 272 66 83
" Kidneys Emphysema of Lungs Enlargement of the Heart Erysipelas " Liver Fever, Malarial " Puerperal " Scarlet " Typhoid Goitre Exophthalmic	1 1 1 1 1 1 8 1 1	1 2 1 3 3	Under 1 year	•••••• •••••• •••••	25 82 27	Foreign	95 16 32 11 1 188 272 66 83
" Kidneys Emphysema of Lungs Enlargement of the Heart Erysipelas " " Liver Fever, Malarial " Puerperal " Scarlet " Typhoid Fracture of Thigh Goltre Exophthalmic Heart Clot	1 1 1 1 1 1 1 8 1 1 8	1 2 	Under 1 year	•••••	25 82 27 5	Foreign	95 16 82 11 1 188 272 66 83
" Kidneys Emphysema of Lungs Enlargement of the Heart Erysipelas Fatty Degen. of Heart " " Liver Fever, Malarial " Puerperal " Scarlet " Typhoid Fracture of Thigh Goitre Exophthalmic Heart Clot Hemorrhage, Lungs	1 1 1 1 1 1 1 8 1 1 3	1 2 1 8	Under 1 year		25 82 27 5 11	Foreign	95 16 82 11 1 188 272 66 83
" Kidneys Emphysema of Lungs Enlargement of the Heart Erysipelas Fatty Degen of Heart " " Liver Fever, Malarial " Puerperal " Scarlet " Typhoid Fracture of Thigh Goitre Exophthalmic Heart Clot Hemorrhage, Lungs " Uterus	1 1 1 1 1 1 1 8 1 1 3 1	1 2 1 3	Under 1 year		25 82 27 5 11 42	Foreign	95 16 32 11 1 188 272 66 83
" Kidneys Emphysema of Lungs Enlargement of the Heart Erysipelas Fatty Degen of Heart " Liver Fever, Malarial " Puerperal " Scarlet " Typhoid Fracture of Thigh Goitre Exophthalmic Hemorrhage, Lungs " Uterus Hooping-cough	1 1 1 1 1 1 1 8 1 1 3 3 1	1 2 1 8 2	Under 1 year		25 82 27 5 11 42 29	Foreign	95 16 82 11 1 188 272 66 83
"Kidneys Emphysema of Lungs Enlargement of the Heart Erysipelas "Liver "Liver Fever, Malarial "Scarlet "Typhoid Fracture of Thigh Goitre Exophthalmic Hemorrhage, Lungs "Uterus Hooping-cough Hoppertrophy of Heart	1 1 1 1 1 1 1 8 1 1 1 3	1 2 1 8 2 2	Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20 " 20 to 30 " 30 to 40 " 40 to 50		25 82 27 5 11 42 29 81	Foreign	95 16 32 11 1 188 272 66 83
" Kidneys Emphysema of Lungs Enlargement of the Heart Erysipelas Fatty Degen. of Heart " " Liver Fever, Malarial " Scarlet " Typhoid Fracture of Thigh Goitre Exophthalmic Hemorrhage, Lungs " Uterus Hooping-cough Hypertrophy of Heart Infla'mat'n, Brain	1 1 1 1 1 1 1 8 1 1 3 1 1 	1 2 1 3 2 2	Under 1 year		25 82 27 5 11 42 29 31 48	Foreign	95 16 32 11 1 188 272 66 83
" Kidneys Emphysema of Lungs Enlargement of the Heart Erysipelas " " Liver Fever, Malarial " Puerperal " Typhoid " Typhoid Fracture of Thigh Goitre Exophthalmic Heart Clot Hemorrhage, Lungs " Uterus Hooping-cough Hypertrophy of Heart Infla'mat'n, Brain " Bronchi	1 1 1 1 1 1 1 1 3 1 1 1 3 2	1 2 1 8 2 2 11 6	Under 1 year		25 82 27 5 11 42 29 81 48 83	Foreign	95 16 32 11 1 188 272 66 83
" Kidneys Emphysema of Lungs Enlargement of the Heart Erysipelas Fatty Degen. of Heart " " Liver Fever, Malarial " Puerperal " Scarlet " Typhoid " Typhoid Fracture of Thigh Goitre Exophthalmic Heart Clot Hemorrhage, Lungs " Uterus Hooping-cough Hypertrophy of Heart Infla'mat'n, Brain " Bronchi " Bronchi " Bladder	1 1 1 1 1 1 1 1 3 1 1 1 3 2 2	1 2 1 3 2 2 11 6	Under 1 year		25 82 27 5 11 42 29 81 48 83 41	Foreign	95 16 32 11 1 188 272 66 83
" Kidneys Emphysema of Lungs Enlargement of the Heart Erysipelas " " Liver Fever, Malarial " Puerperal " Typhoid " Typhoid Fracture of Thigh Goitre Exophthalmic Heart Clot Hemorrhage, Lungs " Uterus Hooping-cough Hypertrophy of Heart Infla'mat'n, Brain " Bronchi	1 1 1 1 1 1 1 1 3 1 1 1 3 2 2 1	1 2 1 8 2 2 11 6	Under 1 year		25 82 27 5 11 42 29 81 48 83	Foreign	95 16 32 11 1 188 272 66 83 1 2 2 3

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, MARCH 17, 1883. DURING THE

BAIN.	į	ļ	8	8.		6.	<u>*</u>	8.	<u>į</u>
HRB.	M. 11.07 P. M.	Fair.	Clear.	Clear.	Clear.	Cloudy.	Hary.	Clear.	
STATE OF WEATHER.	8.07 A.	Fair.	Fair.	Fair.	Clear.	Clear.	Clear.	Fair.	
Brati	7.07 A. M.	Clear.	Clear.	Clear.	Cloudy.	Fair.	Clear.	Cloudy.	
E e	11.07 P. M.	16	-	64	ø	12	•	80	
VELOCITY OF WIND.	3.07 P. M.	ĸ	11	16	*	16	16	12	
A 6	70.7 .M .A	a	*	80	-	1	12	•	
80	11.07 .M9	N.W.	S.W.	₩.	S.W.	N.W.	8. W.	S.W.	
DIRECTION WIND.	8.07 P. M.	N.W.	S.W.	₩.	B.W.	N.W.	N.W.	S.W.	
DG	70.7 .M. A	ß.W.	S.W.	S.W.	ᆆ	S.W.	N.W.	ත්	
# E	11.07 M. A	62	3	22	4	88	22	28	
BELATIVE HUMIDITY.	8.07 P. M.	52	22	22	8	8	28	22	
報報	70.7 M.A	29	84	62	62	3 8	5	88	
	Min'm.	83	26	*	8	88	12	88	
	Max'm.	æ	\$	21	29	8	8	4	
Thermometer	Mean Daily Value,	34.3	35.2	4.3	48.5	45.7	30.0	40.8	8.08
HER	11.07 P. M.	8	8	2	8	8	\$	\$	
F	3.07 P. M.	8	88	21	8	128	8	\$	
	70.7 .MA.	8	88	8	37	47	8	28	
	Mean Daily Value.	29.81	30.07	30.00	29.85	29.65	30.00	29.94	29.70
BAROMETER.	11.07 P.M.	30.08	29.99	30.06	29.72	29.79	80.04	29.88	
BARON	3.07 P.M.	29.75	30.02	29.98	8.83	29.58	29.98	29.91	
	7.07 A. M.	29.64	30.20	29.98	30.04	29.58	29.98	30.04	
Day	H	ä	12,	13,	1,	15,	16,	17,	
Month and Day.	1883. MARCH.	Sunday,	Monday,	Tuesday,	Wed'sday, 14,	Thursday, 15,	Friday,	Saturday,	Means

Barometer corrected for temperature, elevation above sea, and instrumental error. Precipitation too small to measure. The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea.

102 Week Ending Saturday, March 24, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH. Si DEATHS IN BACH WARD.	_
Abscess, Pelvic	1	<u> </u>	Infla'mat'n, Brain 2 9 First 1	12
Alcoholism	2		" Bronchi 2 7 Second 1	16
Apoplexy	4		Bladder 1 Third Fourth I	18 17
Asphyxia		1	" " " " " " " " " " " " " " " " " " "	15
Bright's Disease	8	1	" Larynx 1 Sixth	5 22
Burns and Scalds		1	" Liver 1 Seventh 2	22
Cancer of Rectum	1		" Lungs 33 15 Ninth	8
" Stomach	3		" Parisardinm 9 1 Tenth	7
" Uterus	1		Peritoneum. 5 1 Eleventh	4
" Vulva	1	 		7
Casualties	3	l	" S L Bowels 4 4 Fourteenth 1	11
Congestion of Brain	2	6	Fitteenth	22 10
" Lungs	3	5	Inanition 8 Seventeenth 1	10
Cholera Infantum		2	Eighteenth 1	14
Cirrhosis of Liver	2	l	, Nineteenth 1	15 16
Compression of Brain		1	1 2 " 02 40 041 151 151 151 151 151 151 151 151 151 1	13
Consumption of Lungs		3	Nouselein of the Heart 1 Twenty-second 1	13
Convulsions		20	I wenty-thiru	11 22
" Puerperal		ll	Donolysis 6 Twenty-fifth 1	19
Croup		16	Twenty-eixth	14
Cyanosis		5	Chloral 1 Twenty-seventn.	38 15
Debility		5	Purpura 1 Twenty-ninth	21
Diarrhœa		l	Pvæmia	11
Diphtheria		11	Quinsy	12
Dropsy	3		Rheumatism	al
" of Brain		2	" of the Heart 1	
" Heart	1		Rupture of Uterus 1	
Disease of Brain		1	Sclerosis of Liver 1 Nativity, etc.	
" Heart		3	Septicæmia 3	_
" Kidneys			Small-pox	
" Lungs			Softening of Brain 2 Foreign 10 Unknown 2	21
Dysentery	2		Suicide, Hanging 1 Poonlo of Colon	25 25
Effusion on Heart		1	Tabes Mesenterica	20 15
Emphysema	1		Teething 1	w
Enlargement of the Heart.	1		Tetanus 1 1 1	
" " Liver	1		Trismus Nascentium 1	
Epilepsy	1	1 1	Uræmia 1 Males 20	01
Erysipelas	4		TOTALS	19
Fatty Degen, of Heart	8	l		82
" " Liver	1	 	Girls 9	92
Fever, Intermittent		1	Of the above there were:	_
" Puerperal	2		Under 1 year	
" Scarlet		10	From 1 to 2	-
" Typhoid		7	" 2 to 5 43 Males	1
" Typhus		ll	" 5 to 10	8
Gangrene, Senile	1		" 15 to 20 14 Total	4
Heart Clot			" 20 to 30 50	_
Hemorrhage, Brain			" 30 to 40	
" Lungs			" 50 to 60 36	=
* Nose		1	" 60 to 70 43 Males 1	15
Hooping-cough		1	" 70 to 80	9
Hypertrophy of Heart	1		" 90 to 100 2 Total 2	24
				_

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE WEEK ENDING SATURDAY, MARCH 24, 1883.

BAIN.	In,	8	11.	ŀ	8	8	· 8	!	9
THER.	11.07 P.M.	Clear.	Lt. Bain.	Clear.	Clear.	Clear.	Lt. Snow.	Clear.	
STATE OF WEATHER.	8.07 P. M. 11.07 P. M.	Clear.	Hary.	Clear.	Clear.	Clear.	Lt. Snow.	Clear.	
STAT	7.07 A. M.	Clear.	Clear.	Fair.	Fair.	Clear.	Clear.	Clear.	
ře.	11.07 P. M.	တ	2	91	81	4	•	.69	
VELOCITY OF WIND.	8.07 P. M.	=	•	16	12	8	∞	12	
V.	70.7 .MA	61	•	80	01	61	60	∞	
#O P	11.07 M. A	ත්	S. E.	N.W.	N.W.	ත්	खं खं	¥	
DIRECTION WIND.	8.07 P. M. ·	œ	Calm.	zi	W.W	`.	යු ගේ	N.W.	
DIR	70.7 .M .A	S.W.	Calm.	N.W.	N.W.	N.W.	र्ख इं	N.W.	
TY.	11,07 P. M.	99	8	19	2	36	100	19	
RELATIVE HUMIDITY.	8.07 P. M.	3	25	22	4	2	78	æ	
RE	70.7 .MA	73	8	99	19	8	78	88	<u> </u>
	.m'niM	94	9	22	8	22	8	R	1 1
g	Max'm.	33	89	88	88	3,1	8	\$	
Тиевмометев.	Mean Daily Value.	52.2	57.8	28.2	28.0	30.3	31.8	84.3	87.5
HERM	11.07 P. M.	22	22	22	27	82	32	87	
Ē	8.07 F. M	2	63	띯	\$	8	18	28	
	70.7 .M .A	- 4	3	88	8	22	8	22	
	Mean Daily Value.	29.84	29.65	72.62	30.03	30.05	29.90	30.14	29.71
BAROMETER.	11.07 P. M.	29.83	29,45	29.88	30.13	29.99	29.92	30.17	
Вавов	8.07 P. M.	29.81	29.66	29.74	29.96	30.01	29.85	30.14	
	7.07 A. M.	29.89	29.85	29.70	30.00	30.16	29.92	30.10	
Day.	. .	18,	19,	8	21,	ž,	នុ	2,	
Month and	1883. MARCH	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Means

Barometer corrected for temperature, elevation above sea, and instrumental error. Precipitation toe small to measure. The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea.

104 Week Ending Saturday, March 31, 1883.

Abscess of Brain	i					
	1		Infla'mat'n, Lungs	83 15	First	20
" Liver	i		" Pericardium	1 1	Second	14
" Lungs	1 7		" Peritoneum.	2 1	Third	11
Alcoholism	1 .		4 S. & Bowels	3 7	Fourth	17
Anæmia	1		Insuition	5	Sixth	4
Aneurism of Aorta	_		Intussusception	1	Seventh	19
	8			2	Eighth	7
Apoplexy	_		Jaundice		Ninth Tenth	
Asphyxia		2	Mania-a-potu	2	Eleventh	1
Bright's Disease		2	Marasmus	5	Twelfth	4
ancer of Breast			Murder	1	Thirteenth	10
" Liver	Г	•••••	Neuralgia of the Heart	1	Fifteenth	2
" Stomach		•••••		22	Sixteenth	10
" Uterus	1		Obstruction of Bowels	1	Seventeenth	
Casualties	5	1	Paralysis	8	Eighteenth Nineteenth	18 28
Congestion of Brain	8	2	Pyæmia	1	Twentieth	23
" Liver	1		Septicæmia	8	I wenty-first	18
" Lungs	2	4	Small-pox	1 8	I wenty-second	11
holera Infantum		1	Softening of Brain	2	Twenty-third Twenty-fourth	10 19
Arrhosis of Liver			ا م - ·	1	Twenty-fifth	15
Consumption of Lungs		10	Tabes Mescuterica		Twenty-sixth	8
onvulsions		16	Uræmia	2 1	Twenty-seventh.	29
		18	Uræmia	2 1	Twenty-eighth	20 26
Croup		1	TOTALS	61 164	Twenty-ninth Thirtieth	20
Debility		3	==		Thirty-first	18
Diabetes		•••••	·		*Almshouse, 12. †Munici	inal
Diarrhœa				1	Hospital, 1.	٠,
Diphtheria		14		- 1		
Dropsy	ļ	1			Nativity, etc.	
" of Brain		1		i !	Hallvity, etc.	
" Heart	2					
Disease of Brain	1			1		308
" Heart	10	1	İ		11 -	108
" Kidneys				ļ	Unknown	19
Drowned	1				People of Color	35
Dysentery	1	3			From Almshouse	12
Effusion on Brain	1	2			From Municipal	
		-			Hospital	1
Embolism of Brain	1	•	Of the shows these wares		1	
Impyema	1		Of the above there were:	1 '		211
Enlargement of the Heart	1	1	Under 1 year			214
Liver		·····	From 1 to 2	24	Boys	76
Epilepsy			" 2 to 5		Girls	88
Erysipelas	2	2	" 5 to 10	23		
Fatty Degen. of Heart	4		" 10 to 15	6	Premature Birth.	
Fever, Intermittent		1	" 15 to 20	17		_
" Scarlet		5	" 20 to 30		Males	4
" Typhoid		8	" 30 to 40		Females	2
" Typhus			" 40 to 50		Total	6
Sangrene, Senilo			" 50 to 60		TOTAL	_
			00 10 00		Still-Born.	
Iemorrhage, Lungs			" 00 to 10		Sui-Boill.	
" Uterus			" 10 W OU		Males	12
	6	10	" 80 to 90	16		7
nfla'mat'n, Brain					Females.	
infla'mat'n, Brain		11	" 90 to 100 " 100 to 110		Females	

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE WERK ENDING SATURDAY, MARCH 31, 1883.

RAIN.	ij	8	-	.18	8	8 .	P.	 8:	<u>16:</u>
HER.	M. 11.07 P. M.	Clear.	Cloudy.	Cloudy.	Cloudy.	Cloudy.	Clear.	Clear.	
STATE OF WEATHER	8.07 A.	Clear.	Hasy.	Clear.	Clear.	Cloudy.	Cloudy.	Cloudy.	
STAT	7.07 A. M.	Clear.	Fair.	Lt. Rain.	Clear.	Cloudy.	Sleet	Fair.	
ř.	11.07 F. M.	•	69	12	=	10	-	••	
VELOCITY OF WIND.	8.07 P. M.	-	7	ю	91	4	12	21	
A 60	70.7 .M. A	•	9	-	81	4	•	•	
f 0.	70.11 .Mer	N.W.	Z.	zi	N.E	N.E.	z	z	
DIRECTION WIND.	8.07 P. M.	₩.	N.E.	zi	N.W.	N.E	N.E	z z	
DIR	7.07 .M.A	N.W.	N.E	z.	N.W.	N. E	Z. E.	zi	
VE TY.	11.07 P. M.	3	8	8 8	25	\$	20	茗	
RELATIVE HUMIDITY.	8.07 P. M.	28	23	8	3	\$	8	\$	
RE	70.7 .M. A	82	3	82	8	\$	2	8	
	.m'nìM	쪄	. 83	28	23	R	2	æ	
ei ei	Max'm.	47	28	52	94	7	8	3	
Тневмометев	Mean Daily Value,	8.98	47.8	46.2	38.7	87.7	35.3	37.0	39.9
HEBN	11.07 P. M.	4	3	\$	8	8	8	88	
F	8.07 P. M.	\$	150	22		8	뚕	8	
	70.7 M.A	8	8	7	37	*	8	*	
	Mean Daily Value,	30.14	29.92	29.86	30.02	30.04	28.84	23.96	29.97
BAROMETER.	11.07 P. M.	29.92	29.77	29.79	30.00	88.	29.79	29.85	
BAROI	3.07 P. M.	30.02	29.79	29.73	29.88	29.93	29.66	23. 25.	
	7.07 A. M.	30.12	20.90	29.76	29.88	30,01	29.77	29.87	
d Day.	~ #	ĸ	8,	, 27,	, 28,	83,	8	r, 81,	
Month and Day	1883. MABCH.	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

106 Week Ending Saturday, April 7, 1883.

CAUSES OF DEATH.	ADULTS	MINORS	CAUSES OF DEATH.	*DULTS	MINORS	DEATHS IN EACI WARD.	E
Abscess of Liver	1	1	Infla'mat'n, Bladder	4		First	22
Alcoholism	1		Kidneys	1	2	Second	21
Anæmia,	*****	1	" Larynx		1	Third	8 19
Apoplexy	6		" Liver		1	Fifth	-6
Asphyxia		1	" Lungs		17	Six:h	6
Asthma	1		" Pericardium	1	1	Seventh	24 14
Bright's Disease	5		" Peritoneum.	6		Ninth	5
Burns and Scalds		1	" Pharynx	1		Tenth	11
Cancer of Liver	1		" Pleura	1		Eleventh	7
" Stomach	4		" S. & Bowels	3	8	Thirteenth	9
" Thigh			Insanity	1		Fourteenth	13 26
" Throat	1	6	Inanition	3	10	Fifteenth	26
Casualties	5	1	Jaundice	1		Sixteenth Seventeenth	8 10
	0.71	1	Malformation		1	Eighteenth	15
Cerebro-spinal Meningitis	2	7	Marasmus		7	Nineteenth	80
Congestion of Brain	2	9			l í l	Twentieth Twenty-first	16 6
Tungammin	1		Measles		1	Twenty-second	9
Child-birth	1	3	Mumps		1 1	Twenty-third	14
			Old Age			Twenty-fourth	22
Cirrhosis of Liver	4		Obstruction of Bowels		1	Twenty-fifth Twenty-sixth	18 20
	*****	1	Paralysis	13		*Twenty-seventh.	27
Consumption of Lungs,		3	Purpura Hemorrhagica		1	†Twenty-eighth Twenty-ninth	18
Convulsions		14	Pyæmia	1	•••••	Thirtieth	24 17
Croup	******	6	Rheumatism	1		Thirty-first	20
Cyanosis		4	" of the Heart	1	1	*Almshouse, 13. †Munic	
Debility	8	3	Scrofula		1	Hospital 0.	orber
Diarrhœa	4	2	Septicemia	2			
Diphtheria		17	Small-pox	1		Nativity of	
Dropsy	3	1	Softening of Brain	5		Nativity, etc.	
" Abdominal	1		Suicide, Hanging	1		United States	329
" of Brain	1	4	" Shooting	5		Foreign	112
" Heart		1	Syphilis		1	Unknown	21
Disease of Heart	17	3	Tabes Mesenterica		1	People of Color	34
" Pancreas	1	*****	Tetanus Nascentium		1	From Almshouse	18
Drowned	3		Unknown		2	110111111111111111111111111111111111111	10
Dysentery	1		Uraemia	1		!	
Eczema	1	*****	2001		II	1	
Effusion on Brain		2	TOTALS	276	186	Males	228
" Heart				==	-	Females	234
Emphysema		1			1	Boys	98
Enlargement of the Heart.	õ				1 1	Girls	88
Erysipelas	4	1	Of the above there were				
Fever, Malarial	3	1				Premature Birth.	
" Scarlet	2	13	Under 1 year From 1 to 2		95 21		
	11	4	" 2 to 5		33	Males	2
" Typhoid			" 5 to 10		14	Females	2
Typino		1111111	" 10 to 15		11	Total	4
Gangrene, Senile	1		" 15 to 20 " 20 to 30		12 48	Total	
Heart Clot			" 80 to 40	• • • • • • •	41	Still-Born.	
Hemorrhage, Lungs	1		" 40 to 50		41		
Hernia			" 50 to 60 " 60 to 70		42 36	Males	10
Hooping-cough		1	" 70 to 80		40	Females	8
Infla'mat'n, Brain		9	" 80 to 90		27		
" Bronchi	2	11	" 90 to 100	• • • • • • •	1	Total	18

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

WEEK ENDING SATURDAY, APRIL 7, 1883.

RAIM.	I.	8	8	ş.	8	8	6.	æ	इं
THER.	3.07 P. M. 11.07 P. M.	Cloudy.	Fair.	Clear.	Cloudy.	Cloudy.	Sprinkl'g	Cloudy.	
STATE OF WEATHER.		Clear.	Clear.	Clear.	Clear.	Hazy.	Cloudy.	Cloudy.	
STAT	7.07 A. M.	Clear.	Cloudy.	Clear.	Clear.	Cloudy.	Cloudy.	Sprinkl'g	
F.G.	11.07 P. M.	*	61	œ	10	-	က	NO.	
ELOCITY F WIND.	8.07 P. M.	10	10	••	9	10	12	9	
OF W	70.7 .M .A	72	9	=	10	4	•	•	
40,	11.07 .M9	N.E.	3 3 3	N.W.	si.	S.W.	3 S	N. E	
DIRECTION WIND.	3.07 P. M.	N.W.	N.E.	N.W.	S.W.	8.W.	N.W.	Ä.	
DIR	70.7 .M .A	zi	N.E.	N.W.	8.W.	σċ	8.W.	N.E.	
17.	11.07 P. M.	22	8	8	4	88	7.	901	
RELATIVE HUMIDITY.	8.07 P. M.	8	8	7	5	۶	8	8	
報用	70.7 .M .A	8	#	62	55	8	87	100	
	.m'niM	23	37	37	\$	47	18	\$	
4	Max'm.	7	4	52	22	2	63	28	
Thermometer.	Mean Daily Value,	35.5	41.8	44.7	48.2	59.7	56.5	48.5	47.8
HER	11.07 P. M.	8	3	4	47	- 5	55		
H	8.07 P. M.	88	*	22	8	6	8	21	
	70.7 .MA	- 81	37	8	4	4	88	**	
	Mean Daily Value.	30.14	30.17	30.21	30.27	29.87	29.85	29.85	30.05
BAROMETER.	11.07 P. M.	30.21	30,15	30.25	30.19	29.76	29.95	29.96	
Вавоз	3.07 P. M.	30.12	30.15	30.16	30.24	29.82	29.86	29.82	
	7.07 A. M.	30.10	30.22	30.20	30.38	30.06	29.74	29.77	
Day.	. 4	÷.	64	ట్	4	ō,	,	7,	
Month and Day.	1883. APRIL	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92,119 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

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WEEK ENDING SATURDAY, APRIL 14, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.
Abscess of Lung	1		Hypertrophy of Heart 1 First 1
Alcoholism	1		Wooning sough Second
Asthma	1		Infla'mat'n, Brain 3 14 Fourth 2
Apoplexy	5		" Bronchi 8 8 Fifth
Bright's Disease	5	1	" Kidneys 5 1 Sixth
Burns and Scalds	1	1	" Larynx 1 1 Eighth 1
Cancer of Breast	1		" Lungs 82 13 Ninth
" Liver	1		" Tenth
" Stomach	3		" S. & Bowels 2 6 Twelfth
" Uterus	2		" Trachea 1 Thirteenth
Cellulitis of Upper Ex-			" Fourteenth
tremity	1		Insanity 2 Fifteenth 1 Sixteenth
Casualties	2		Inanition 1 5 Seventeenth 1
Cerebro-spinal Meningitis		1	Taundian Eighteenth 1
Congestion of Brain	1	4	Marasmus 12 Nineteenth 2
" Lungs	5	8	Measles 1 Twenty-first
Chorea	1		Twenty-second
Cirrhosis of Liver	8		Neuralgia of the Heart 1 Twenty-third 2
Consumption of Lungs	68	8	Old Are 24 Twenty-fifth 1
Convulsions	1	15	Obstantian at Call Day 1
Croup		5	Paralysis
Cyanosis		4	Pymie 2 Twenty-ninth 8
Debility		5	Thirtieth 2
Diabetes		1	Comment of the commen
Diphtheria		14	"Almsnouse, 13. 1Municipe
Dropsy		1	Small-pox
" Abdominal			G. C. C.
" of Brain		2	I Malivity, etc.
" Glottis	1		
" Heart	1 -	1	Ursemia
" Langs			roreign 10
Disease of Heart		2	TOTALS 261 156 Unknown 1
" Spine			People of Color 2
Drowned			From Almshouse 1
Dysentery		2	From Municipal
Dyspepsia		1	Hospital
Effusion on Brain			Males 22
" Heart		1	Of the above there were: Females
Empyema			Under 1 year 58 Boys 9
Erysipelas	2		From 1 to 2
Enlargement of the Heart	-	1	* 2 to 5
Fever, Intermittent			4 5 to 10
" Malarial	1	1	2 22 23 23 23 23 23 23 23 23 23 23 23 23
" Puerperal	1	- (Moles
" Scarlet		8	15 to 20 19 Females
" Typhoid		5	20 00 30
		1 - 1	50 to 10 20 () 10tal
			40 00 00
Fracture of Thigh	1		# FOA- GO O- I SHIL-PA-
Fracture of Thigh Heart Clot	2		" 50 to 60
Fracture of Thigh	2 2		" 60 to 70
Fracture of Thigh Heart Clot Hemorrhage, Bowels Lungs	2 2 2		" 60 to 70
Fracture of Thigh Heart Clot Hemorrhage, Bowels Lungs	2 2		" 60 to 70

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

WEEK ENDING SATURDAY, APRIL 14, 1883.

HAIN.	ij	8	8	8	8	12.	Ę.	8	<u>t.</u>
HER.	M. 11.07 P. M.	Clear.	Fair.	Cloudy.	Clear.	Cloudy.	Clear.	Cloudy.	
STATE OF WEATHER.	8.07 A.	Fair.	Clear.	Cloudy.	Fadr.	Cloudy.	Clear.	Clear.	
Brat	7.07 A. M.	Cloudy.	Clear.	Cloudy.	Cloudy.	Sprinkl'g Cloudy.	Fair.	Clear.	
E.e.	11.07 P. M.	64	10	7	61	80	60	80	
VELOCITY OF WIND.	8.07 P. M.	ဖ	12	9	•	15	7	-	
5 6	70.7 .M .A	13	9	61	*	21	8	•	
å O	11.07 .MA	N.W.	øć	E Z	며	×.W	ᆆ	ᆆ	
Direction of Wind.	3.07 P. M.,	N.W.	S.W.	खं खं	8.W.	Z Z	Z E	ᆆ	
DIR	70.7 .MA	N.W.	S.W.	øi	Ä.	Z Ei	zi	N.E.	
VE TY.	11.07 P. M.	4	12	8	88	8	8	88	
RELATIVE HUMIDITY.	8.07 P. M.	22	3	æ	87	8	72	2	
HU	70.7 .M .A	83	3	88	88	8	8	88	
	.m'niM	8	3	3	51	8	3	4	
ď	.m'xaM	28	62	19	99	28	8	6	
Тневмометев.	Mean Daily Value.	46.3	52.2	22.0	57.7	50.0	53.7	50.15	62.2
HEBN	11.07 MT	22	8	54	99	28	8	5	
Ĥ	3.07 P. M.	22	62	8	8	28		8	.
	70.7 .M .A	\$	4	51	22	4	\$	4	
	Mean Daily Value.	30.19	30.27	30.00	29.86	29.92	30.27	30.44	30.14
Barometer.	11.07 P.M.	30.34	80.19	29.91	29.89	30.01	80.39	30.43	
Вавоя	3.07 P. M.	30,15	30.26	29.98	29.82	29.88	30.23	30.42	
	7.07 A. M.	80.08	30.37	30.10	29.88	29.91	30.18	30.46	
Month and Day.	1883. APRIL.	Sunday, 8,	Monday, 9,	Tuesday, 10,	Wed'sday, 11,	Thursday, 12,	Friday, 18,	Saturday, 14,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

110 Week Ending Saturday, April 21, 1883.

March Marc	CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH. F S DEATHS IN EACH WARD.
Rectum	" Läver		1	Hypertrophy of Heart 2 Second
Rectum	mng	1		Fourth
Ansemia	" Rectum	1		" Bronchi 2 4 Fifth 9
Asthma	Alcoholism	1		" Glands of Neck 1 Sixth 4
Asthma	Anæmia		1	" Kidneys 1 1 Eighth 8
Aortic Stenosis	Asthma	1		" Larvnx 2 Ninth 7
Bright's Disease. 6 2 " Pericardium 1 Thirteenth. 10 Foreight 10 Foreigh	Apoplexy	3		" Liver 1 Tenth
Bright's Disease	Aortic Stenosis	1		" Lungs 31 15 Twelfth
Cancer of Breast.	Bright's Disease	6	2	" Pericardium 1 Thirteenth 10
# Liver	Cancer of Breast	1		" Peritonoum 4 1 Fourteenth 10
## Stomach 2	Eye	1		" S. & Bowels 7 7 Sixteenth 7
Tuterus	4 Liver	8		Spine Seventeenth 5
Caries of the Vertebra.	" Stomach	2		Inanition 1 4 Eighteenth 14
Casualties	· " Uterus	1		
Casualties	Caries of the Vertebra	ļ	1	Marasmus 12 Twenty-first 6
Congestion of Brain	Casualties	4	2	Murder 1 Twenty-second 19
## Lungs	Congestion of Brain	8	5	ACTIVA-CHILAT 11
Paralysis	" Lungs	3	8	Old Age 17 Twenty-fifth 14
Morbus			1	Paralysis 6 1 I wenty-sixtn 17
Cirrhosis of Liver			1	
Consumption of Lungs			ll	
Convulsions		1	7	Promis 9 9 Thirtieth 7
Croup			10	Thirty-first 11
Softening of Brain 2 Small-pox 1 1 Nativity, etc.		ı	12	#Almohama 21 Att
Debility			1 1	
Diphtheria			1 - 1	
Dropsy				
"Abdominal 1 5 "Shooting 1 Foreign 38 "of Heart 5 Syphilis 1			1 1	Cutata IIt
" of Heart 5 Syphilis 1 Foreign 88 Disease of Brain 1 Tabes Mesenterica 1 1 Unknown 15 " Heart 9 1 Tumor of Brain 1 1 People of Color 23 " Liver 2 1 Unceration of Stomach 1 1 From Almshouse 11 Drowned 2 2 Totals 26 161 Males 199 Effusion on Brain 1 1 From Almshouse 188 Boys 85 Girls 1 1 Of the above there were: Premales 188 Episcon of Liver 1 1 Under 1 year 59 Premature Birth Fever, Malarial 1 1 10 5 to 10 14 Males 5 " Typhoid 5 1 10 to 55 43 Males 5 " Typhus 1 15 to 20 14 Total 8 Gangrene				
Tabes Mesenterica		_		Garage Foreign 89
"Heart				The state of the s
"Kidneys 1 Ulceration of Stomach 1 From Almshouse 11 "Spine 1 Uremia 2 1 Drowned 2 2 1 TOTALS 226 161 Males 199 Egusion on Brain 1 1 Females 188 Boys 85 Girls 76 Enlargement of the Heart 1 Of the above there were: Under 1 year 59 From Almshouse 188 Boys 85 Girls 76 Fever, Malarial 1 1 From 1 to 2 22 22 22 Males 5 76 " Typhoid 5 1 " 5 to 10 14 4 14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 5 4 4 4 4 4 4 4 4 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 <td< td=""><td></td><td>_</td><td></td><td>Teople of Color 23</td></td<>		_		Teople of Color 23
" Spine 1 Drowned 2 Dysentery 1 Effusion on Brain 1 Empyema 1 Enlargement of the Heart. 1 Fever, Malarial 1 " Scarlet 10 " Typhoid 5 5 1 " Typhus 1 " Typhus 1 " of Leg 1 " of Leg 1 " Lung 1 " Totals 2 " Total 8 Total 8 Heart Clot 3 " Still-Born 8 Females 1 Total 8 Females 5 Females 5 From 1 to 2 22 22 22 Males 5 Females 5 Females 1 " 5 to 10 14 " 10 to 15 9 Total 8 Females 3 Total <td< td=""><td></td><td>_</td><td>1 1</td><td>I From Aimshouse 11</td></td<>		_	1 1	I From Aimshouse 11
"Spine 1 Totals 226 161 Males 199 Dysentery 1 1 Females 188 188 188 189 188 189 189 188 189			-	1 1 11
Drowned		_	1 1	Uræmia 2
Dysentery			1 - 1	TOTALS
Effusion on Brain 1 1 1 1 1 1 1 1 1 1		i .		
Empyema	•		1	1 1 1
Enlargement of the Heart. 1		}	-	
Fatty Degen. of Liver 1		1		1 19 (
Fever, Malarial. 1 From 1 to 2. 22 " Scarlet. 10			1 1	Dramatura Diati
"Scarlet 10 "2 to 5 43 Males 5 "Typhoid 5 1 "5 to 10 14 14 Females 3 "Typhus 1 "15 to 20 14 Total 8 Frost Bites and Bed Sores 1 "20 to 30 36 36 Gangrene 1 "30 to 40 41 37 "of Leg 1 "50 to 60 41 33 "Lung 1 "60 to 70 33 Males 8 Heart Clot 3 "80 to 90 20 Females 8			1 1	Onder I year
Typhoid	•			
Typhus	ocariet			" 5 to 10
Frost Bites and Bed Sores 1	1) phota	0	1 - 1	" 10 to 15 9
Gangrene	- J phus	•••••	1 - 1	15 to 20
Gangrene			1 1	20 to 30
" Lung	•		1 1	" 40 to 50
Heart Clot	01 Deg	ı		00 10 00
#80 to 90	типк	1		
		T .		" 80 to 90
2 10tat	Hemorrhage, Bowels	1		" 90 to 100 2 Total

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

WEEK ENDING SATURDAY, APRIL 21, 1883.

THERMOMETER.
11.07 P. M. Mean Daily Value. Wax'm.
49.7 60
50.8 52
53.7 58
99.0 66
60.2 72
51.7 60
53.2 61
<u> </u>

The surface of the mercury in the elstern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above see, and instrumental earor

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WEEK ENDING SATURDAY, APRIL 28, 1883.

CAUSES OF DEATH.	ADULTS	MINORS	CAUSES OF DEATH.	ADULTS	DEATHS IN EACH WARD.
Abscess of Brain		1	Infla'mat'n, Pericardium	4	First 1
4 Liver	1	1	" Peritoneum.	5	Second 1
4 Stomach	1		" 8. & Bowels	2 5	Third 1 Fourth 1
Alcoholism	2		" Veins	1	Fifth 1
Apoplexy	7	1	Insanity	1	Sixth
Bright's Disease	5		Inanition		Seventh 1
Burns and Scalds	1	3	Marasmus	9	Ninth
Cancer of Brain	1		Neuralgia of the Heart	1	Tenth
Bowels	2		Old Age 1	5	Eleventh
Stomach	3			1	Thirteenth
Uterus			Pyæmia	2 1	Fourteenth 10
Casualties	1		Rheumatism	1	Fifteenth 2
Cerebro-spinal Meningitis		1	" of Heart		Seventeenth 1
Congestion of Brain	4	1	Septicæmia	3	Eighteenth 1
" Lungs	2	6		2	Nineteenth 1 Twentieth 1
Cholera Infantum		2		2 3	Twenty-first
Cirrhosis of Liver			Stricture of Rectum	1	Twenty-second
Consumption of Lungs		2	Suicide, Cutting Throat	1	Twenty-third 1: Twenty-fourth 2
Convulsions		11	" Shooting	1	Twenty-fifth 1
" Puerperal	1		4 Laudanum	-	Twenty-sixth
Creup	-	9	Syphilis		Twenty-seventh. 2
Cyanosis		3	Tetanus Neonatorum		Twenty-eighth 1.
Debility		6			Thirtieth 1
Diarrhœa			Teething		Thirty-first 1
	2	******	Tumor of Brain	1	*Almshouse, 10. †Municipa Hospital, 0.
Diabetes	2	******	Ovarian	1	Hospital, 0.
Diphtheria		18	Uræmia	1	,
Dropey	4	1	TOTALS 23	38 140	Nativity, etc.
Abdomina	1	*****			[]
of Brain		3		- 1	United States 27
Lungs		*****		ı	Foreign 9
Disease of Heart		2			Unknown 1-
TYAL	1				People of Color 2
Embolism of Heart	1	****		1	From Almshouse 1
Erysipelas	1	*****			1
Enlargement of Heart	4	*****		ļ	
Fatty Degen, of Heart	1				11
Fever, Malarial	5	1			Males 18
" Scarlet		9	Of the above there were:		Females 18
" Typhoid	3	5	Under 1 year		Boys 70
Gout	1	*****	From 1 to 2	25	Girls 6-
Gangrene	1		" 2 to 5	32	l
Heart Clot	2		" 5 to 10	10	Premature Birth.
Hemorrhage, Lungs	1		" 10 to 15	11	1
Stomach	1		" 15 to 20	5	Males
Hooping-cough,		2	" 20 to 30	46	Females
Hypertrophy of Heart	2	1	4 30 to 40		Total
Infla'mat'n, Brain	2	3	" 40 to 50		<u>-</u>
Bronchi	2	9	" 50 to 60		Still-Born.
" Kidneys	1		" 60 to 70		
" Larynx	1	1	" 70 to 80		Males 1
" Liver	2		" 80 to 90		Females 1
A44 1 WA		******	" 90 to 100		
" Lungs	21	6			Total 2

METROROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADRIPHIA, DURING THE

WERK ENDING SATURDAY, APRIL 28, 1883.

BAIN.	녈	15	25	8	8	S.	8	27 .	1.87
HER.	M. 11.07 P. M.	Lt. Rain.	Lt. Rain.	Clear.	Cloudy.	Clear.	Clear.	Lt. Rain.	
STATE OF WEATHER.	8.07 A.	Lt. Rain.	Lt. Bain.	Lt. Rain.	Clear.	Clear.	Clear.	Fair.	
BTAT	7.07 A. M.	Lt. Rain.	Lt. Bain.	Cloudy.	Clear.	Cloudy.	Fair.	Clear.	
Ee	11.07 P. M.	4	=	2	4	9	•	=	
VELOCITY OF WIND.	8.07 P. M.	15	9	4	51	10	. 🕶	9	
50	70.7 .M .A	10	. 51	•	12	*	4	10	
0.0	11.07 M. A	N N	zi	₩.	N.W.	නේ	N.W.	Z Z	
DIRECTION WIND.	8.07 F. M.	я я	Z Z	¥.	X.W.	6.₩	B.W.	S.W.	
ρΩ	70.7 M.A	Z.	五	zi	N.W.	N.W.	8.W.	N.W.	
#E	11.07 P. M.	95	901	82	92	8	3 8	88	
RELATIVE HUMIDITY.	8.07 P. M.	8	8	9	7	7.	2	22	
報題	70.7 .MA	8	8	8	72	8	8	8	
	.m.'niM	7	84	8	*	4	4	12	
e l	Max'm.	28	4	8	3	28	8	8	
Тиквиомитки	Mean Daily Value.	43.8	88.0	41.2	43.7	47.8	57.3	58.5	47.3
HER	11.07 P. M.	4	8	8		*	22	219	
H	8.07 P. M.	4	\$	4	*	- 23	8	8	
	70.7 .MA	***	\$	7	82	3	44	&	1 1
	Mean Daily Value.	. 85	239.72	88.62	30.14	30.18	29.86	29.76	29.92
BAROMETER.	11.07 P.M.	29.80	29.74	28.	30.27	30.07	29.81	29.80	
BARO	8.07 P. M.	86.62	89.68	23.88	30.08	30.19	29.83	29.67	
	7.07 A. M.	30.03	25.74	28.82	80.08	83	29.95	29.80	
Day.	ا ق	22	ૹ૽	. %	8,	8,	27,	8g	
Month and	1883. APRIL.	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

114
WEEK ENDING SATURDAY, MAY 5, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EAC WARD.	H
Abscess of Kidneys	1		Infla'mat'n, Peritoneum.	3		First	15
" Lungs	2		" Pharynx	Ů	1	Second	15
Aneurism of Aorta	ī		" 8. & Bowels	5	8	Third	5 7 15
Alcoholism	2		Insuition	1	9	Fourth	15
Asthma	4		Intussusception	1		Sixth	15
Apoplexy	6		Locomotor Ataxia	i		Seventh	15 9
Asphyxis	_	1	Malformation		1	Ninth	7
Bright's Disease	4	1	Marasmus		18	Tenth	11
Cancer of Liver	1		Measles		1	Eleventh	11
" Uterus	1		Neuralgia of the Heart	2		Thirteenth	8
" Pancreas	1		Old Age	18		Fourteenth	14
Casualties	5	2	Paralysis	9	1	Fifteenth	24 8
Cerebro-spinal Meningitis	1	2	Pyæmia		1	Seventeenth	13
Congestion of Brain	2	2	Rheumatism	2	1	Eighteenth	16
" Kidneys	1		Rupture of Urethra		1	Nineteenth Twentieth	18 18
" Lungs	3	5	Septicæmia	1	1	Twenty-first	6 7
Cholera Morbus	1		Sclerosis of Brain	1		Twenty-second Twenty-third	7 10
Cirrhosis of Liver	2		" Spine	1		Twenty-fourth	18
Consumption of Lungs	59	7	Softening of Spinal Cord.	1		Twenty-fifth	16
Convulsions		18	Small-pox	1	4	Twenty-sixth	19 22
" Puerperal	1		Stricture of Rectum	1		†Twenty-eighth	18
Croup		4	Suicide, Cutting Throat	1		Twenty-ninth	29
Cyanosis		2	" Laudanum	1		Thirtieth Thirty-first	7 14
Debility	5	4	Tabes Mesenterica		1		
Diphtheria		28	Tetanus	1		*Almshouse, 8. †Muni Hospital 0.	orber
Dropsy of Brain		1	Ulceration of Mouth		1	-	
Disease of Heart	8	1	Uremia	3	1	Nativity, etc.	
" Kidneys	1		TOTALS	209	179	Hadvity, etc.	
" Spine		1	IVI 212	200	1/8	United States	275
Dysentery	1	1	· ·			Foreign	100
Effusion on Brain		1	•			Unknown	18
Embolism of Brain	1	······			1	People of Color	10
Empyema	1	••••••			1 1	From Almshouse	8
Erysipelas	2	1			ll	1	
Fatty Degen. of Heart	2				1	į į	
Fever, Brain		1					
" Malarial	2		Option to all an arrange		1	Males	190
4 Scarlet		15	Of the above there were		1 . 1	Females	198
" Typhoid		1	Under 1 year		65	Boys	89
" Typhus			From 1 to 2		34	Girls	90
Gangrene	1		2 00 0		45	Premature Birth	
Heart Clot		1	" 0 W 10			Tronature Ditti	•
Hemorrhage, Secondary	1	1	" 10 to 15		7	Males	1
Hooping-cough		- 1	10 00 20		6	Females	5
Hypertrophy of Liver	1	8	" 20 to 30 " 30 to 40		48 36	Total	
Infla'mat'n, Brain	2	1 1	30 10 40			1000	
Diadder	1	5	" 40 to 50 " 50 to 60		31 34	Still-Born.	
- Broneni		1	" 60 to 70		26		
	1	- 1	" 70 to 80		25	Males	10
" Liver " Lungs	1 19	24	" 80 to 90		12	Females	6
" Pericardium	19	22	" 90 to 100		2	Total	16
r ericardium			***************************************			1	

METROROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

WEEK ENDING SATURDAY, MAY 5, 1883.

BAIN.	j.	g	8	Ę	8	8	8		\$
THER.	11.67 P. M.	Clear.	Clear.	Clear.	Fair.	Clear.	Closer.	L4. Rain.	
STATE OF WEATHER	8.07 P. M.	Cloudy.	Clear.	Clear.	Fair.	Clear.	Clear.	Cjoudy.	
Втат	7.07 A. M.	Lt. Rain.	Clear.	Cloudy.	Cloudy.	Cloudy.	Hany.	Cloudy.	
Ed	11.09 P. M.	•	4	••	12	60	2	7	
VELOCITY OF WIND.	3,07 P. M.	=	2	91	•	4	91	93	
P 6	'M''V	91	12	*	7	•	\$	22	
£ 0 %	11.07 M. A	z	ත්	N.E.	N.E	a a	Ä.	N.E	
DIRECTION Wind.	8.07 P. M.	X.	Z.	र्ख 8	Ä.	N.E.	S.W.	R.E.	
Dig	70.7 .M. A	N.E.	zi	ගේ	Z Z	zi	8.W.	ᆆ	
# £	11.07 P. M.	88	76	28	93	88	88	8	
RELATIVE HUMIDITY.	8.07 P. M.	28	€.	2	8	8	8	84	
開出	70.7	*	8.	88	88	身	38	8	
	Min'm.	7	88	\$	\$	4	25	\$	
gi	Max'm.	22	8	5	8	72	8	25	
Thermometer.	Mean Value.	43.0	8.8	8.08	54.8	8.88	63.0	52.7	48.6
HER	11.07 M. 9	4	\$. 4	51	8	22	15	
H	8.07 P. M.	- 3	Z	8	3	2	8	28	
	70.7 .MA.	\$	7	3	47	15	8	84	
	Mean Daily Value.	29.92	30.22	30.36	30.24	30.11	30.12	30.17	30.16
BAROMETER.	11.07 P. M.	30.04	30,32	30.87	30.17	80.08	30.24	30.14	
Ваво	8.07 P. M.	28.90	30.20	30.34	30,19	99.08 99.08	30.05	30.16	•
	7.07 A. M.	28.83	30.16	80.87	30.34	30.16	30.08	30.21	
Day.	.4	ล์	æ,	-	61	æ,	*	ĸ	
Month and Day	1883. APRIL	Sunday,	Monday,	MAY. Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

116 Week Ending Saturday, May 12, 1888.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	MINORS.	DEATHS IN EAC WARD.	H
Aneurism of Aorts	2		Hemorrhage, Uterus 1		First	20
Alcoholism	1		Infla'mat'n, Brain 4	9	Second	20 11
Apoplexy	8		" Bladder 1		ThirdFourth	8 9
Bright's Disease	4	2	" Bronchi 6	6	Finh	12
Burns and Scalds	2	1	" Kidneys 1	2	Sixth	1
Cancer of Breast	1		" Larynx 1	1	Seventh Eighth	18 16
" Brain	ī		# 74 0		Ninth	
Liver	2			10	Tenth	7 7 1 6
" Rectum	-		" Peritoneum. 8		Eleventh	7
" Stomach			" Pleurs 1	1	Twelfth	6
" Uterus	li		8. & Bowels	5	Fourteenth	4
Caries of the Jaw	i		" Throat	1	Fifteenth	81
Casualties	6	1	Inanition	8	Sixteenth Seventeenth	6 8 22 7 22
Cerebro-spinal Meningitis	-	î	Intussusception 1	•	Eighteenth	22
Concussion of Brain	1	-		·····	Nineteenth	7
Congestion of Brain	_	4	Jaundice 1 Marasmus	··:··	Twentieth Twenty-first	5
•		8		8 5	Twenty-second	13
типка	-	1	Meaales	- 1	Twenty-third	
Cholera Infantum		1 1			Twenty-fourth Twenty-fifth	11 15
" Morbus					Twenty-sixth	ii
Cirrhosis of Liver					*Twenty-seventh.	27
Consumption of Lungs		4	Paralysis 6		Twenty-eighth	14 18
Convulsions		10	Poisoning, Strychnia	1	Twenty-ninth	72
Croup		10	Purpura Hemorrhagica	1	Thirty-first	2
Cyanosis		2	Pyæmia 1	•••••	PAlmahouse, 12, †Mumi	eine)
Debility		2	Scrofuls	2	Almshouse, 12. †Mumi Hospital, 0.	
Diarrhœa	ľ	1	Septiceaus	2	Ì	
Diabetes	ı		Sore Mouth	1	Nativity, etc.	
Diphtheria		12	Softening of Brain 8			
Dropsy	ı		Small-pox 1	2	United States	252
" of Brain		5	Spina Bifida	1	Foreign	86
# Heart	1		Trismus Nascentium	1	Unknown	16
" Lungs	1		Ulceration of Stemach 2		People of Color	25
Disease of Heart	10	8	Unknown	1	From Almshouse	12
" Kidneys	1		Uremia	1	1	12
Drowned	1					
Dysentery			TOTALS	41	1	
Effusion of Brain		1	·		Males	198
Empyema				Ì	Females	161
Enlargement of Heart			<u> </u>	- 1	Boys	86
" Liver	ļ	1	,		Girle	55
Fatty Degen. of Heart	1		Of the above there were:	- 1		
Fever, Malarial	8	l		55	Premature Birth.	,
" Scarlet		11		14		
" Typhoid		1	" 2 to 5	44	Males	2
" Typhus				15	Females	2
Fracture of Skull			" 10 to 15	6	Total	4
Gout	2		" 20 to 30	40		
Gangrene, Senile				84	Still-Born.	
Hemorrhage, Bowels			** *** *** ***************************	26 37		
" Brain		1	" 60 to 70	25	Males	12
" Internal		*		80	Females	8
" Lungs	ł		" 80 to 90	20	Total	20
Tunga	•		50 60 100 \$1	*		20
	<u> </u>	<u> </u>			<u> </u>	

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

WEEK ENDING SATURDAY, MAY 12, 1883.

Month and Day. BAROMETER.	Barometer.	BAROMETER.	OFFICE.				H	ERMO	Thermometer.	,		HOME	RELATIVE HUMIDITY.	!	DIRECTION O WIND.	ND.	_	VEL	VELOCITY OF WIND.		BTATE	STATE OF WRATHER.	THER.
A.M. P. S.O.7 P. S.O.7 P. S.O.7 P. S.O.7 P. S.O.7 P. S.O.7 P. M. P. S.O.7 P. M. P. S.O.7 P. M. P. S.O.7 P. M. P. S.O.7 P. M. P. S.O.7 P. M. P. S.O.7 P. M. P. S.O.7 P	P. S. M. P. S. M. P. M. P. M. P. M. P. M. P. M. P. M. P. M. P. M. P. M. P. M. P. M. P. M. P. M. P. M. P. M. P. M. P. M. P. M. P. M.	Mean Mean Daily Value. 7.07 A. M. A. M. B. M. A. M. B.	Mean Daily Value. 7.07 M. M. M. M. M. M. M. M. M. M. M. M. M.	7.07 R. M. 8.07 R. M. P. B. D. B. D. B. D. M. P. M. P. D. D. D. D. D. D. D. D. D. D. D. D. D.	8.07 P. M. T1.07 11.07	M.4 11.07 M.9	P. M. Daily Value,	Daily Value,		Max'm.	.m'niM	70.7 .MA 70.8	8.07 F. M. 11.07 F. M.	LO.T	.MA	70.11	.Me	.MA.	P. M.	71.07 .M9	A. M.	3.07 A. M.	M. 11.07 P. M.
6, 30.14 30.06 30.14 30.12 54 67 57 58.3	30.06 30.14 30.12 54 67 57	30,14 30,12 54 67 67	30.12 54 67 57	54 67 57	. 29	. 15		56.3		<u>`</u>	3			zi 		N.W.	≱.	<u>se</u>		- 5	Clearing.	Clear.	Clear.
7, 30.16 30.04 29.94 30.05 56 67 61 61.3	30.04 29.94 30.05 56 67 61	29.94 30.05 56 67 61	30.05 56 67 61	56 67 61	67 61	19		61.3		- 		7	- 88 - 82	z	¥.		S.W.	10	••	4 Hary.		Cloudy.	Fair.
8, 29.94 29.90 29.99 29.95 69 88 67 70.0	29.90 29.99 29.95 59 88 67	90 29.99 29.95 59 88 67	29.95 69 88 67	59 88 67	29 88	29		70.0			 28		- 28	ori	 ≱	S.W.	뗘	10	80	d Clear.		Clear.	Clear.
9, 30.09 30.12 30.19 30.13 61 72 52 61.8	30.12 30.19 30.13 61 72 52	80.19 80.18 61 72 52	30.13 61 72 62	61 72 52	72 62	25		61.8			 25		 82	zi —	편 -		떮	12		13 Clear.		Clear.	Fair.
Thursday, 10, 80.06 29.99 29.95 30.08 53 80 70 67.7	29,99 29,95 30,08 53 80 70	29.95 30.08 53 80 70	30.08 53 80 70	53 80 70	90 20	92		67.7		- 		- <u>``</u>	74 90	변 	8.W.	k	ත්	10	 -	10 Clo	Cloudy.	Clear.	Clear.
11, 29.98 29.98 29.96 80.00 66 68 62 65.5	29,98 29,95 80,00 66 68 62	29.95 80.00 66 68 62	80.00 66 68 62	66 68 62	88	62		3		- 87		8		20	N.	¥.	ы <u>.</u>	7	10	7	Lt. Bain.	Lt. Rain.	Threat'.
12, 30.12 30.00 29.99 30.03 54 67 61 60.7	80.00 29.99 30.03 54 67 61	29.99 30,03 54 67 61	30.03 54 67 61	54 67 61	67 61	19		ĝ			<u>''</u>	- 		zi 	zć	<u>ਲ</u> ਲ	≱		10	6 Fair.		Clear.	Clear.
Means 80.10 63.5	80.10	80.19	80.19			<u> </u>		83.0		#	<u> </u>												

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

118
WEEK ENDING SATURDAY, MAY 19, 1888.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EAC WARD.	н
Aneurism of Aorts	1		Infla'mat'n, Bronchi	8	7	First	. 19
Alcoholism	1	ll	" Heart			Second	18
Apoplexy	8		" Kidneys		1	Third	10
Asphyxia		1	" Larynx		1	Fifth	9
Bright's Disease	6	1	" Lungs		17	51xih	- 5
Burns and Scalds	1	1	* Peritoneum.		i	Seventh	24
Cancer of Breast	1		4 Pleura	l ī		Eighth	6 3 5
" Jaw	1		" 8. & Bowels	1	2	Tenth	
" Liver	3		Insanity	i		Eleventh	6 10
4 Rectum	1		Insuition		9	Twelfth Thirteenth	4
" Shoulder	•	1	Intussusception	2		Fourteenth	8 16
" Stomach	3		Jaundice	1		Fifteenth	18
" Uterus	4	1 1	Leucocythemia	1		Sixteenth Seventeenth	9
Casualties	4	2	Marasmus	1	11	Eighteenth	12
Congestion of Brain	1	8	Measles		(Nineteenth	14
congestion of Brain	5	2	Neuralgia of the Heart		2	Twentieth Twenty-first	9
	9	2	-	1		Twenty-necond	11
Cholera Infantum	•••••	7	Old Age	10		Twenty-second Twenty-third	7
Consumption of Lungs	36		Obstruction of Bowels	1	1	I WERLY-IOUITED	12
Convulsions	•••••	18	Paralysis	5		Twenty-fifth Twenty-sixth	15 8
Croup		4	Poisoning, Laudanum	1		*Twenty-seventh.	24
Cyanosis	•••••	5	" Stramonium	1		Twenty-eighth	12
Debility	5	8	Purpura Hemorrhagica	1		Twenty-ninth Thirtleth	27
Diarrhœa	4	4	Pyæmia	2		Thirty-first	16
Diabetes	1	·····	Rheumatism of Heart	1			
Diphtheria		13	Rupture of Heart	1		*Almshouse, 13. †Muni Hospital 6.	CIPAL
Dropsy	1		Scrofula		1	_	
" of Heart	1		Sore Mouth		1	M - 49 - 44 4	
Disease of Heart	14	1	Softening of Brain	1	1	Nativity, etc.	
" Hip Joint		1	Small-pox	1	1	United States	253
" Liver	1		Suicide, Hanging	1		Foreign	69
Drowned	1	1	" Corro. Sublim'te	1		Unknown	22
Dysentery		2	" Cutting Throat " Laudanum	1	<u> </u>	People of Color	25
Effusion of Brain	1	1	" Phosphorus	Ī		From Almshouse	18
Embolism of Brain	1		Teething Trismus Nascentium		1	Trom zimishouse	
Emphysema	1	l	Trismus Nascentium Tumor of Brain	•••••	1 1	1	
Epilopsy	1	 	" Ovarian	1		l I	
Enlargement of Heart	1		Uræmia	î		Males	190
" Liver	1		Manuta	100	188	Females	154
Fatty Degen. of Heart	1		TOTALS	199	155	Boys	86
	ī					Girls	89
" Liver		1	Of the above there were				
" Liver Fever, Malarial	1		OT THE WHOLE HISTOR MAND		1 1	Premature Birth.	
Fever, Malarial	1	1 - 1					
Fever, Malarial " Scarlet		6	Under 1 year	••••••	72		
Fever, Malarial " Scarlet " Typhoid	4	1 - 1	From 1 to 2		72 24 25	Males	2
Fever, Malarial	4	6 2	From 1 to 2	• • • • • • • • • • • • • • • • • • •	24 25 18		2
Fever, Malarial	4	6	From 1 to 2	· · · · · · · · · · · · · · · · · · ·	24 25 18 5	Males	_
Fever, Malarial	1	6 2 1	From 1 to 2	· · · · · · · · · · · · · · · · · · ·	24 25 18 5 11	Males	_
Fever, Malarial	1 1	6 2 1	From 1 to 2		24 25 18 5 11 21 38	MalesFemales	_
Fever, Malarial	1 1 1	6 2 1 	From 1 to 2		24 25 18 5 11 21 38 36	Males	_
Fever, Malarial	1 1 1 1	1 1 1	From 1 to 2		24 25 18 5 11 21 38 86 30	MalesFemales	_
Fever, Malarial	1 1 1 1	1 1 4	From 1 to 2		24 25 18 5 11 21 38 36 30 35	MalesFemales	4
Fever, Malarial	1 1 1 1	1 1 1	From 1 to 2		24 25 18 5 11 21 38 86 30 35	Males	17

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

:

DURING THE WERK ENDING SATURDAY, MAY 19, 1883.

HAIN.	념	8.	8	8	8.	8.	8	8.	8
THER.	11.67 P.M.	Clear.	Hasy.	Cloudy.	Clear,	Clear.	Clear.	Cloudy.	
STATE OF WRATHER.	3.07 P. M.	Clear.	Sprinkl	Fair.	Clear.	Clear.	Clear.	Clear.	
STATE	7.07 A. M.	Clear.	Cloudy.	Foggy.	Clear.	Clear.	Fair.	Clear.	
E e	11.07 P. M.	•	•	81	10	19	64	-	
VELOCITY OF WIND.	8.07 P. M.	۰	2	ю	91	9	4	, co	
P 0	70.7 M .A	-	-	61	36	=	9	61	
1 0	11.07 P. M.	r. E	Ž,	N.W.	zi	S.W.	. ம் ஸ்	N.E.	
Бівыстіом (Wind).	8.07 Mer	N.W.	80. Eq.	₩.	N.W.	N.W.	N.E	4	
DIR	70.7 .M. A	z.	z z	æ	N.W.	zi	W.W	×.	
TY.	11.07 P. M.	88	901	8	8	28	57	82	
RELATIVE HUMIDITY.	8.07 P. M.	. 2	.88	28	8	38	8	89 .	-
E E	70.7	.8	4	8	8	12	1	22	
	Min'm.	25	8	8	8	3	\$	28	
. E	.m'xaM	38	8	73	67	8	23	<u></u> 22	
THERMOMETER.	Mean Daily Value,	56.7	52.8	61.7	56.5	56.5	68.5	63.8	88
нкв	11.07 P. M.	28	器	22	51	\$	29	8 .	
T	8.07 P. M.	2	57	73	8	8	. 22	72	
	70.7 .M. A	Z	3	- 25	8	3	28	8	
	Mean Daily Value.	30.07	. 20.96	29.65	30.01	30.24	30.28	30.18	30.06
BAROMETER	11.07 P. M.	30.12	29.75	29.78	30.12	30.24	30,30	30.00	
Ваво	3.07 P. M.	30.01	19.97	29.55	29.97	30.22	30.24	30.10	
	7.07 A. M.	30'08	30,16	29.62	29.92	30.26	30.30	30.28	
Month and Day.	1883. MAY.	Sunday, 13,	Monday, 14,	Tuesday, 15,	Wed'sday, 16,	Thursday, 17,	Friday, 18,	Saturday, 19,	Means

The surface of the mercury in the distern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for femperature, elevation above sea, and instrumental error.

120 Week Ending Saturday, May 26, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EACE WARD.	E.
Abscess of Hip		1	Infla'mat'n, Brain	2	12	First	18
" Lungs			" Bronchi	ī	8	Second	9
" Neck		1	" Kidneys	4		Third	14
Aneurism of Aorta			" Larynx	- 1-	2	Fifth	17 19
Alcoholism	2		" Liver	1.	-	Sixth	8
Anæmia	_	2			11	Seventh	18
Apoplexy	8		" Pericardium			Eighth Ninth	6 4
Bright's Disease			" Peritoneum.	- 1		Tenth	10
Burns and Scalds		1	" S. & Bowels	4	2	Eleventh	6
Cancer of Breast	1			- 1	4	Twelfth	5
Liver	1			····· 1 .	*	Fourteenth	7
" Rectum	_		Mania-a-potu	- 1-		Fifteenth	7 24
			Marasmus		11	Sixteenth	6
" Blomacn	-		Measles	••••	1	Eighteenth	9
· · · · · · · · · · · · · · · · · · ·	2		Murder	- 1.		Nineteenth	19
Carbuncle	1			- 1	•••••	Twentieth	28
Casualties	4	1				Twenty-first Twenty-second	8 11
Congestion of Brain	1	5	Poisoning, Laudanum		•••••	Twenty-third	7
Liver	1	•••••	Pyæmia	2 .		Twenty-fourth	16
" Lungs	2	2			1	Twenty-fifth	14
Cholera Infantum		8	Septicæmia	1 .		Twenty-sixth Twenty-seventh.	28
Cirrhosis of Liver	3		Small-pox		2	Twenty-eighth	. 9
Consumption of Bowels		1	Suicide, Hanging	1 .		Twenty-ninth	21
" Lungs	61	8	Syphilis	2	1	Thirtieth Thirty-first	19
Convulsions	1	13	Tetanus		1		
Constriction of Pylorus	1		Tumor of Brain	1 .		*Almshouse, 12. †Munic Hespital, 0.	ipal
Croup		4	" Groin	1 .		• • • • • • • • • • • • • • • • • • • •	
Cyanosis		4	" Ovarian	1 .		Madula,	
Debility	4	4		-		Nativity, etc.	
Diarrhœa	3	8	TOTALS22	24 1	50		_
Diphtheria		12	-	= =	=	United States	272
Dropsy				- 1	- 1	Foreign	82
" Abdominal		1		- 1	- 1	Unknown	20
" of Brain		2		Į.	- 1	People of Color	38
" Chest				ı		From Almshouse	12
Disease of Heart		8		- 1	- 1	1	
" Kidneys		1			ı]	
Drowned		1		- 1	- 1	Males	200
Dysentery	_	1	Of the above there were:	- 1		Females	200 174
Effusion of Brain		2	Under 1 year	- 1	64	1 1	
		2	From 1 to 2		25	Boys	88
Erysipelas	2	- 1		,,,,,	27	Girls	62
Enlargement of Heart	_				17	Premature Birth.	
Fatty Degen. of Heart			9 to 10			T TONIALUTE DITUIL	
Fever, Brain		1	10 10 10		3	Males	
" Intermitted	_	1	10 00 20		14	Females	2
DUALIEU		12	20 10 00		47	-	
- Typnoid	10	2	90 10 40		43	Total	4
" Typhus		•••••	40 10 00		80	Calli Danii	
Gangrene of Lungs	1		- 30 to 00		33	Still-Born.	
Heart Clot		1	" 60 to 70		34	Males	12
Hemorrhage, Lungs	i		" 70 to 80		24	Females	7
Hernia	2		" 80 to 90		10	I -	
Hypertrophy of Heart	1		" 90 to 100		8	Total	19
			<u> </u>			<u> </u>	

METROROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PRILADELPHIA,

DURING THE WEEK ENDING SATURDAY, MAY 26, 1883.

BAIN.	ij	8.	8	Q	8	8	 	9.	1.08
HEB.	A. M. 11.07 P. M.	Cloudy.	Thr. 8t'm	Cloudy.	Cloudy.	Clear.	Clear.	Lt. Rain.	
STATE OF WEATHER.	3.07 A. M.	Fair.	Cloudy.	Clear.	Cloudy.	Clear.	Clear.	Fair.	
Brati	7.07 A. M.	Cloudy.	Cloudy.	Foggy.	Fair.	Clear.	Clear.	Clear.	
F.G.	11.07 P. M.	4	∞.	•	∞ .	64	60	=	
VELOCITY OF WIND.	8.07 P. M.	4	G	1	21	41	90	90	
50	70.7 .M .A	10	•	9	•	2	89,	81	
# 0	11.07 JM., A	લં જ	N.E.	S.W.	₩.	``	8.W.	ಯ	
DIRECTION (WIND.	8.07 P. M.	S.W.	년 8	zó.	``	¥.	S.W.	ಹ	
DIR	70.7 .M. A	Ä.	3 S	범	S.W.	≱.	``	8.W.	
# E	11.07 P. M.	84	8	8	8	8	\$	8	
RELATIVE HUMIDITY.	8.07 P. M.	88	2 5	25	8	8	Z	\$. -
HU	7.07 .MA	83	8	100	8	8	73	8	
	.ar'ariM	2	99	29	25	22	22	8	
	Max'm,	22	z	72	8	22	79	\$	
Thermometer.	Mean Daily Value,	68.7	63.3	4.7	55.3	64.0	68.8	71.7	64.5
HERM	11.07 P. M.	62	19	86	75	8	8	1.9	
Ē	8.07 P. M.	2	12	74	88	2	78	22	
	70.7 .MA.	22	28	62	2	18	8	\$	
	Mean Daily Value.	29.73	29,72	29.51	29.77	29.98	30,08	29.84	89.80
ETER.	11.07 P. M.	29.66	29.46	29.60	29.87	30.05	30.04	29.75	
BAROMETER.	3.07 P. M.	89.68	29.40	29.48	29.76	29.95	30.07	29.80	
	7.07 A. M.	29.81	29.59	29.46	29.68	38.95	30.15	29.98	
Day.		8	21,	ฆ์	8	2,4	ଞ୍ଚ	36,	
Month and Day	1883. MAY.	Sunday,	Monday,	Tuesday,	Wed'sday, 23,	Thursday, 24,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

122 Week Ending Saturday, June 2, 1883.

CAUSES OF DEATH.	ADULTS	MINORS	CAUSES OF DEATH.	ADULTS	MINORS	DEATHS IN RACH WARD.
Alcoholism	2		Infla'mat'n, Brain	3	11	First 15
Apoplexy	8				2	Second 11
Asphyxia		8	" Kidneys	1		Third 8
Bright's Disease	5		" Larynx	î	1	Finh
Cancer of Breast	1		" Lungs	6	7	Six h 5
" Face	2		" Pericardium	2	i	Seventh
" Liver	1		" Peritoneum.	8	i	Eighth 6
" Sternum	ī		" S. & Bowels	5	2	Tenth 2
" Stomach	2		l – l		7	
" Tongue	1		Mania-a-Potu	1	' 1	Twelfth 10
" Uterus	2		Marasmus	-		Fourteenth 11
	4	•••••			9	Fifteenth 13
Casualties		2	Measles		3	Sixteenth 3 Seventeenth 14
Cerebro-spinal Meningitis	•••••		Old Age			Seventeenth 14 Eighteenth 14
Congestion of Brain	1	9	Obstruction of Bowels	1	•••••	Nineteenth 21
" Lungs	1	1	Paralysis	8	•••••	Twentieth 17
Cholera Infantum		8	Phlegmatia Dolens	1		Twenty-first 5 Twenty-second 15
Cirrhosis of Liver	5		Purpura Hemorrhagica		1	Twenty-third 6
Consumption of Bowels	1	1	Rheumatism of Heart		1	Twenty-fourth 17
" Lungs	48	. 2	Rupture, Gall Bladder	1		Twenty-afth 22
Convulsions		13	Scrofula		1	Twenty-sixth 8 Twenty-seventh 24
Croup		7	Softening of Brain	8		Twenty-seventh. 24
Cyanosis		4	" Stomach	1		Twenty-ninth 17
Debility	2	3	Small-pox	1		Thireth 10
Diarrhœa	2		1 1		1	Thirty-first 12
Diabetes	_	1	Tetanus	1	_ [*Almshouse, 10, tMunicipal
		18	Thrombosis of Brain	1	•••••	Hospital 0.
Diphtheria				- 1		
Dropsy		4	Trismus Nascentium		1	Nativity, etc.
or plan		-	Tumor of Stomach	1	****	
Criest		•••••	Uræmia	1		United States 234
Heart	1	•••••	TOTALS1	84	156	Foreign 89
Disease of Brain	1	1	=	_		Unknown 17
" Heart	13	4	•		i j	People of Color 9
" Langs	1					From Almshouse 10
" Spine		1				1
Drowned	2	1				1
Effusion of Brain		1				
Embolism of Heart	1					Males 159
Epilepsy	1		Of the above there were:			Females 181
Erysipelas	3		Under 1 year		64	Boys 78
Enlargement of Prostate	1		From 1 to 2		19	Girls 88
Fatty Degen. of Heart	1		" 2 to 5		37	0.2.2
" Liver	1		" 5 to 10		22	Premature Birth.
Fever, Malarial	1	2	" 10 to 15			
	1	17			. 4	Males 3
DC#1100	_	, -· I	10 10 20		10	Females 2
r à budia	9	2	20 10 30		30	
. I y prido	1		00 W *0		35	Total 5
Gangrene of Mouth		1	40 10 00		35	CAUL D
Hemorrhage, Lungs	1		" 50 to 60		28	Still-Born.
	1		" 60 to 70		22	35-1 1 10
" Internal	_					
" Internal Uterus	1		" 70 to 80		17	Males 10
Internst	_	1 1	" 70 to 80 " 80 to 90		17 16	Females 9

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

Week Ending Saturday, June 2, 1883.

RAIM.	ġ		 8	\$	<u>s</u>	17:		8	<u> </u>
THER.	11.07 P. M.	Clear.	Clear.	Fair.	Cloudy.	Clear.	Clear.	Clear.	
STATE OF WEATHER	7.07 A. M. 8.07 P. M. 11.07 P. M.	Clear.	Fair.	Fair.	Clear.	Cloudy.	Clear.	Clear.	
STAT		Fair.	Clear.	Cloudy.	Fadr.	Fair.	Clear.	Clear.	
16	11.07 P. M.	63	-	64	•	9	•	10	
VELOCITY OF WIND.	8.07 P. M.	ю	16	81	14	16	6	2	
VEI	70.7 .M.,A		6	17	2	22	22	9	
40	11.07 P. M.		zi	N.W.	छ छ	N.W.	zć	ર. સ્ત્ર	
DIRECTION WIND.	3.07 P. M.	≱	è.	×.	खं જ	N.W.	z	න්	
DIR	70.7 .M. A.	S.W.	``	αć	N.E	S.W.	zi	Ä.	
VE TY.	11.07 P. M.	8	18	82	100	78	#	82	
RELATIVE HUMIDITY.	8.07 P. M.	2	76	11	29	20	8	25	H .
開発	70.7 .M .A	8	78	78	82	8	78	28	
ï	.m'niM	. 3	9	3	28	3	57	99	
	Max'm.	, r	76	12	73	92	25	92	
THERMOMETER.	Mean Daily Value,	70.3	69.7	70.7	67.3	69.3	6.58	66.3	68.5
HEB	70.11 .M .9	62	8	67	8	8	ಪ	8 .	
H	8.07 P. M.	92	92	75	73	2	11	76	
	70.7 .M.A	38	38	2	22	2	3	3	<u> </u>
	Mean Daily Value.	29.74	29.84	29.87	30.05	29.99	30.34	30.45	30.04
BAROMETER.	11.07 P. M.	29.75	29.85	29.84	29.90	30.10	30,40	30.44	
BARO	3.07 P. M.	29.70	8.83	29.83	30.09	29.99	30.38	30.44	
	7.07 A. M.	29.77	29.83	29.74	30.17	88.63	30.28	30.46	
Month and Day.	1883. MAY.	Sunday, 27,	Monday, 28,	Tuesday, 29,	Wed'sday, 30,	Thursday, 31,	JUNE. Friday, 1,	Saturday, 2,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean hevel of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

124
WEEK ENDING SATURDAY, JUNE 9, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	DEATHS IN EACH WARD.
Abscess of Brain	,	1	Hooping-cough	2 First 14
" Thigh	1		Hypertrophy of Brain	1 Second 10
Apoplexy	7	ll	Infla'mat'n, Brain 6	7 Third
Bright's Disease	7		" Bladder 2	Fourth
Cancer of Breast	1		" Bronchi 8	8 Sixth 7 Seventh 9
• Liver	1		# Fee	Seventh 9
" Stomach	2			
	1			Tonth 0
Carbuncle	7	2	" Liver	Eleventh 10
	'	1		10 Twelfth
Cerebro-spinal Meningitis	•••••	1 - 1	renearmum 1	Thirteenth 11 Fourteenth 6
Congestion of Brain	1	······	Feritoneum. 8	Fifteenth 18
" Bowels	1		Fleura 1	1 Sixteenth
	1	4	8. & Bowels 4	6 Seventeenth 13 Eighteenth 12
Child-birth	2			Eighteenth 12 Nineteenth 14
Cholera Infantum		5	Insanity 1	Twentieth 18
Cirrhosis of Liver	1		Inanition 2	5 Twenty-first 1
Consumption of Lungs	35	8	Intussusception 1	Twenty-second 9 Twenty-third 7
Convulsions	1	16	Malformation	Twenty-third 7 2 Twenty-fourth 22
" Puerperal		1	Marasmus	g Twenty-fifth 16
Cramps		1	Old Age 15	Twonty-sivth 10
Croup		4		*Twenty-seventh. 18 †Twenty-eighth 7 Twenty-ninth 15
Cyanosis		8		Twenty-ninth 15
Debility	2	6	.	II Inirtieth 7
Diarrhœa	2	ا تا	Dominio II am and a day	Thirty-first 9
	_	25		*Almshouse, 14. †Municipal Hospital, 1.
Diphtheria	1		Rheumatism of Heart 1	
Dropsy	2	·····	Scrofula	1
" Abdominai	1	······	Softening of Brain 1	····· Nativity, etc.
OI DIMIL		3	Small-pox 8	
" Heart		1 1		United States 250
Disease of Heart	-	4		Foreign 80
" Lungs	•••••	1	Uræmia 2	Unknown 8
Dyspepsia	1		TOTALS 185 1/	58 People of Color 4
Effusion of Brain		1	101ALS165	
Embolism of Brain	2	l	'	11
Emphysema	1	l		From Municipal Hospital 1
Empyema	1			1 2200
Epilepsy	1	1		Males 158
Enlargement of Heart	1	l	Of the above there were:	Females 189
Fatty Degen. of Heart	8	i	Under 1 year	59 Boys 69
" Liver	1			21 Girls 85
Fever, Malarial	2			30
" Remittent		1		25 Premature Birth.
" Scarlet		10		10
" Typhoid	7	8	10 ω 10	Males 2
T y photo		i - I		Females 7
T) Puus	4	•••••	- 20 10 00	25
Gangrene of Leg	1		00 00 10	85 Total 9
" Lung	1		40 W 00	Still-Born.
	1	1	- 50 10 60	20
Heart Clot			" 60 to 70	24
Heart Clot Hemorrhage, Lungs	2			II Migles . 11
Heart Clot			# 70 to 80	30 Males 11.
Heart Clot Hemorrhage, Lungs	2		# 70 to 80	II Migles . 11

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, JUNE 9, 1883. DURING THE

BAIR.	렴	. 8	7	8.	8	<u> </u>	8	8.	1	1,7
HRR.	A. M. 11.07 P. M.	Lt. Rain.	Clear.	Fafr.	Clear.	Cloudy.	Cloudy.	Closer.		000000000000000000000000000000000000000
STATE OF WEATHER.	3.07	Fadr.	Fair.	Clear.	Lt. Rain.	Fair.	Fair.	Fair.		
BTAT	7.07 A. M.	Cloudy.	Cloudy.	Fair.	Clear.	Clear.	Cloudy.	Foggy.		
Ed	11,07 P. M.	2	~	4	4	-	4	10		
VELOCITY OF WEND.	. 8.07 P. M.	=	2	•	2	8 2	•	•		_ i
P 0	70.7 .MA.	6	~	*	10	•	64	-	_ _	
80	11.07 .MA	ය <u>්</u> න්	S.W.	S.W.	S.W.	S.W.	S.W.	ಹ		
Дівестіон Wind.	8.07 P. M.	ह्य इं	₩.	8.W.	₩.	B.W.	8.W.	ත්		
DIR	70.7 JM. A	z. z.	ත්	8.W.	S.W.	න්	₩.	ත්		
E E	11.07 P. M.	8	\$	8	88	901	22	8		
RELATIVE HUMIDITY.	8.07 P. M.	28	8	77	8	8	74	8		
報告	70.7 .M.A	8	8	97	97	93	8	99		· [
	Min'm.	15	8	8	73	22	8	69		
g	Max'm.	92	8	84	88	88	8	2		
Thermometer.	Mean Daily Value.	68.0	74.5	79.0	78.0	78.2	75.3	76.2		75.6
HEBN	11.07 P. M.	69	73	28	8	2	22	74	1	
E	8.07 P. M.	35	22	87	8	87	8	2 5	1	
	70.7 .M .A	28	8	22	72	12	7	2		
	Mean Daily Value.	30.28	30.19	80.16	80.04	29.86	29.91	29.91		30.03
BAROMETER.	11.07 P.M.	30.30	30.18	30,18	29.98	.8.8	29.95	29.88		
Вавоз	8.07 P. M.	30.27	30.16	30.12	30.09	29.79	29.30	29.90		
	7.07 A. M.	30.37	80.23	30.22	30.12	29.98	28.88	29.95		
Day.		∞`	4	r,	6,	7.	· &	6	1	
Month and Day	1883. JUNE.	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,		Means

The surface of the mercury in the cistern of Barometer is 92,119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

126
WEEK ENDING SATURDAY, JUNE 16, 1888.

CAUSES OF DEATH.	ADULTS	MINORS	CAUSES OF DEATH.	ADULTS	MINORS	DEATHS IN EACH	H
Abscess of Liver	1		Infla'mat'n, Kidneys	1	1	First	11
Aneurism of Aorta	1		" Larynx		1	Second	-11
Alcoholism	4	*****	" Liver		1	Fourth	12
Asthma	2		" Lungs		5	Fifth	*
Apoplexy	4		" Pericardium			Sixth	6
Bright's Disease	8	*****	" Peritoneum.		1	Seventh	11
Burns and Scalds	1	1	* S. & Bowels		2	Ninth	11
Cancer of Breast	4		" Tonsils		3	Tenth	10
" Bowels	3		Inanition		7	Eleventh	6
4 Jaw	1		Mania-a-Potu			Twelfth	8
" Œsophagus	1		Marasmus	100	23	Fourteenth	- 9
" Uterus	1		Measles		3	Fifteenth	20
Casualties	10	2	Old Age	100000	1. 7.1	Sixteenth	10
Cerebro-spinal Meningitis	-	2	Obstruction of Bowels		1	Eighteenth	13
Congestion of Brain	5	6		6	100	Nineteenth	2.
" Liver	1		Paralysis	1	******	Twentieth	15
" Lungs		2	Pyæmia	1000		Twenty-second	13
		14	Rheumatism			Twenty-third	15
Cholera Infantum		12.74	Scrofula		1	Twenty-fourth	12
Cirrhosis of Liver	1	5	Septicæmia		1	Twenty-fifth Twenty-sixth	26 17
Consumption of Lungs		1 2 3 1	Shock			"Twenty-seventh.	23
Convulsions		21	Small-pox		2	Twenty-ei_hth Twenty-ninth	15
" Puerperal		1	Strangulation			Thirtieth	18
Croup		2	Suicide, Burns (coal oil)		*****	Thirty-first	15
Cyanosis		2	" Cutting Throat		******	Annual Control of the	_
Debility		3	" Laudanum	1		*Almshouse, 8. 'Munic Hospital 0.	cipai
Diarrhæa		2	Sunstroke				
Diabetes	1	******	Syphilis			Matteller ata	
Diphtheria		24	Tetanus	*****	1	Nativity, etc.	
Dropsy	4		Tumor of Face	1		United States	273
" of Heart	2		Ulceration of Uterus	1		Foreign	103
Disease of Brain	1	*****	m	ant	186	Unknown	15
" Heart	8		TOTALS	200	190	People of Color	17
" Kidneys	1			-		From Almshouse	- 8
Drowned	2	2				Trom Amandase	
Dysentery	1						
Effusion of Brain		1					
Epilepsy	2	1	1000			Males	181
Erysipelas		1	Of the above there were		1	Females	210
Enlargement of Heart	1		Under 1 year		81	Boys	86
Fatty Degen, of Heart	1	*****	From 1 to 2		26	Girls	100
Fever, Brain	1		" 2 to 5		33	GII Io	100
" Malarial	2		" 5 to 10		81	Premature Birth.	
" Puerperal	2	10000	" 10 to 15		7	Tramaters Siran	_
" Scarlet	2	20	" 15 to 20		8	Males	3
Bearlet	7	20	" 20 to 30		1000	Females	1
Typnoid		-	20 to ooman				-
Ty phusement	1	*****	90 to 40mmmmm		36	Total	43
Hemorrhage, Brain	1	******	40 00 00		40	Still-Born.	
Dowels	1		00 10 00		22	Sun-Dorn.	
Lungs	1	*****	00 to 10,			Males	11
Hooping-cough		1	70 10 00		21	Females	10
Infla'mat'n, Brain	7	16	" 80 to 90		10	-	_
" Bronchi	1	2	" 90 to 100		5	Total	21

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

WEEK ENDING SATURDAY, JUNE 16, 1883.

BAIN.	ᆆ	#	Ą	8	7.	8	8.		19:
THERE.	11.07 P. M.	Thr. 8t'm	Clear.	Clear.	Cloudy.	Clear.	Clear.	Cloudy.	
STATE OF WEATERS.	8.07 P. M. 11.07 P. M.	Clour.	Clear.	Clear.	Cloudy.	Clear.	Clear.	Fadr.	
BTAT	7.07 A. M.	Clear,	Cloudy.	Clear.	Clear.	Gear.	Clear.	Clear.	
Fe	11.07 M. A	2	•	ю	7	••	•	•	
VELOCITY OF WIND.	8.07 M. 9	•	8	7	21	81	4	2	
58	70.7 .M. A	4	21	=	6	=	4	•	
1 0	11.07 P. M.	8.W.	₩.	B.W.	N.W.	N.E.	S.W.	ත්	
DIRECTION WIND.	8.07 P. M.,	B.W.	₩.	B.W.	₩.	z E	ei ei	S.W.	
Din	70.7 .M. A	8. W.	B.W.	₩.	ත්	zi	N.W.	ත්	
A X	11.07 .MA	100	2	8	8	82	\$	8	.
RELATIVE HUMIDITY.	8.07 P. M.	22	67	74	83	\$	11	2	
E H	7.07 A. M.	8	6	ž	97	\$	\$	86	
	.m'nìM	22	8	2	29	28	61	19	
ei	Max'm.	28	28	22	88	2	82	82	
Thermometer.	Mean Daily Value,	80.3	76.7	74.7	89.7	66.7	68.7	68.7	75.1
HER	11.07 .Mq	15	8	8	67	8	8	8	
H	70.8 P. M.		8	8	8	73	78	92	
	70.7 .MA	92	22	3	2	19	2	8	
	Mean Daily Value.	29.82	29.74	29.87	29.79	80.18	30.28	30.19	29.98
BAROMETER.	11.07 P. M.	29.79	29.87	28.83	29.88	30.27	30.28	30.10	
BAROI	8.07 P. M.	29.80	29.65	29.84	29.74	80.18	30.25	30.18	
	7.07 A. M.	29.88	28.70	3 5	29.76	30.08	30.31	30.28	
Day.		10,	1,	12,	13,	7,	15,	, ,	
Month and Day	1883. JUNE.	Sunday,	Monday,	Tuesday,	Wed'sday, 13,	Thursday, 14,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometar corrected for temperature, elevation above sea, and instrumental error.

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Week Ending Saturday, June 23, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	DEATHS IN EACH WARD.
Abscess, Psoas	1		Infla'mat'n, Prostate	1	First 15
Atheroma of Arteries	ı		" S. & Bowels	4	Second 10
Alcoholism	ī		2 1 2 G 2 1 4 4 4 1 1		Third 13
Anæmia	2		Insanity		Fourth 9
	1	100	Inanition	7.00	Sixth
Aneurism of Aorts		****	Intussusception	1	Seventh 7
Apoplexy	4	*****	Jaundice		Eighth 8
Asphyxia		3	Marasmus		Seventh
Bright's Disease	4		Measles		Eleventh 5
Burns and Scalds	1			1	Tweifth 4
Cancer of Breast	1	*****	Old Age	12	Thirteenth 9
" Face	1		Paralysis	6	Fourteenth 8 Fifteenth 10
" Uterus	1		Pelvic Cellulitis	1	Sixteenth 7
Casualties	5	2	Pyæmia		Seventeenth 5
Cerebro-spinal Meningitis	1	 	Quinsy		Eighteenth 9
Congestion of Brain	2	4	Rupture of Uterus	1	Nineteenth 22
" Lungs	ı	2	Sclerosis of Brain	_	Twentieth 12 Twenty-first 6
Cholera Infantum	-	21		- 1	. Twenty-second 10
Cirrhosis of Liver		21	Scrofula		Twenty-third 4
	1	1 1	Septicæmia	1	
Consumption of Bowels			Sore Mouth		Twenty-fifth 12 Twenty-sixth 7
" Lungs		2	Softening of Brain	- 1	"Twenty-seventh. 23
Convulsions		8	Small-pox	:	2 Twenty-eighth 11
" Puerperal	1		Spina Bifida		1 Twenty-ninth 18
Cramps		1	Stenosis of Heart	1	Thirtieth 9 Thirty-first 15
Croup		4	Suicide, Drowning	1	
Cyanosis		8	" Hanging	1	*Almshouse, 7. †Municipal Hospital, 1.
Debility		2	Syphilis	2	11
Diarrhœa		2	Tetanus	- 1	• 1
Diphtheria	1	14	Trismus Nascentium		Nativity, etc.
•		1	Tumor of Bowels		-
Dropsy		4		1	United States 2229
OI DIMIII			" Brain	1	Foreign 64
neart	ı		" Ovarian	1	" Unknown 14
- Lungs		·····	Ulceration of Stomach		People of Cofor 29
Disease of Heart	9	4	Unknown	1	From Almshouse 7
Drowned		1	Uræmia	1	From Municipal
Dyspepsia		1	TOTALS	E9 1E	
Effusion of Brain		1	101ALB	53 15	
Epilepsy	1	l	· -		Males 158
Enlargement of Heart		1			Females 151
Extra-uterine Fœtation	1		Of the above there were:		Boys 80
Fatty Degen. of Heart	2		Under 1 year	7	
Fever, Malarial		2	From 1 to 2		.
" Scarlet	1	11	" 2 to 5		
					• []
" Typhoid		1	5 to 10		Males
		2	10 10 10		Females 1
Heart Clot	1		". 15 to 20		4
Hooping-cough		8	" 20 to 30		_
Infla'mat'n, Brain	2	14	" 30 to 40		
ff Dronahi	4	2	" 40 to 50	1	8 Still-Born.
Droneni	1	1	" 50 to 60		2
" Kidneys					Males 16
" Kidneys	2		" 60 to 70	2	1
" Kidneys " Liver			60 10 70		Fomebe 7
" Kidneys " Liver	2	4	00 10 10	1	7 Females 7

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

WEEK ENDING SATURDAY, JUNE 23, 1883.

RAIN.	<u> </u>	8		<u>e</u> .	8.	8		- .	1201
HER.	11.07 P. M.	Cloudy.	Cloudy.	Clear.	Cloudy.	Cloudy.	Clear.	Clear.	
State of Wrather.	M. 8.07 A. M. 11.07 P. M.	Cloudy.	Cloudy.	Fair.	Clear.	Fair.	Fair.	Fadr.	
Brat	7.07 A.	Cloudy.	Cloudy.	Cloudy.	Clear.	Fair.	Clear.	Clear.	
Fe	8.07 Mq 11.07 Mq	~	**	64	64		~	∞	
VELOCITY OF WIND.	8.07 P. M.	9	21	7	••	4	•	•	
56	70.7 .MA.	•	63	61	•	9	10	∞	
4 OF	11.07 M9	S.W.	터	8.W.	B.W.	ත්	zi	තේ	
DIRECTION C WIND.	8.07 P. M.	N.W.	텨	8. W.	ĕ	B.W.	z	Z E	
ā	70.7 .MA	변 80	더	ᆆ	N.W.	≱	z E	zi	
E L	11.07 Mq	88	90	86	22	8	3 5	8	
RELATIVE HUMIDITY.	8.07 P. M.	88	8	88	7	79	8	22	
##	70.7 .M .A	8	8	8	22	8	8	\$	
	Min'm.	33	8	67	2	29	29	33	
e	Max'm.	11	11	87	8	8	8	\$	
Тижвиометка	Mean Daily Value,	70.0	67.3	76.0	76.5	74.2	74.5	75.8	2
HER	11.07 .M9	8	8	75	22	73	28	75	
A	8.07 P. M.	4	8	8	8	8	8	28	
	70.7 .M .A	- 8	67	2	28	8	8	2	
	Mean Daily Value.	30.10	30.01	29.73	29.80	29.89	29,39	30.01	28.94
BAROMETER.	11.07 P. M.	30.10	29.91	29.77	28.84	28.81	80.02	30.03	
BARO	8.07 P. M.	30.08	30.08	729.77	29.77	29.89	29.97	20.96	
	7.07 A. M.	30.12	80.09	28,83	29.78	29.88	29.97	30.01	
Month and Day.	1883. JUNE.	Sunday, 17,	Monday, 18,	Tuesday, 19,	Wed'sday, 20,	Thursday, 21,	Friday, 22,	Saturday, 23,	Means.

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

180 Week Ending Saturday, June 30, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EACH WARD.
Arthritis	1		Infla'mat'n, Lungs	6	5	First 28
Apoplexy	10		" Pericardium		1	Second 19
Bright's Disease	4	1	" Peritoneum.		2	Third
Burns and Scalds	1	1	" Pleurs	1		Fifth 10
Cancer	1		" 8. & Bowels		14	Sixth
" of Breast	2		" Uterus	1		Seventh
" Stomsch	2		Insanity	1		Eighth 5 Ninth 8
" Uterus	5		Inanition	i	9	Tenth 15
Casualties	4	1	Jaundice	1	-	Eleventh 8
Cerebro-spinal Meningitis		ī	Leucocythemia	1		Twelfth 9 Thirteenth 18
Congestion of Brain	8	8	Malformation	*	1	Fourteenth 12
	-	1			23	Fifteenth 18
Lungs		32	Marasmus	2		Sixteenth 14 Seventeenth 9
Cholera Infantum	•••••	1	Measles		2	Eighteenth 19
Chorea		1	Old Age			Nineteenth 21
Cirrhosis of Liver	2		Paralysis		1	Twentieth
Consumption of Lungs	43	9	Poisoning, Morphia		1	Twenty-first 2 Twenty-second 7
Convulsions	•••••	28	Pyæmia	1		Twenty-third 16
" Puerperal	1		Rheumatism of Heart	1	2	Twenty-fourth 26
Croup	•••••	9	Rupture of Heart	1		Twenty-fifth 14 Twenty-sixth 26
Cyanosis	•••••	4	Scrofula	ļ	1	*Twenty-seventh. 17
Debility	7	6	Septicæmia			Twenty-eighth 17
Diarrhœa	1	3	Sore Mouth		1	Twenty-ninth 14
Diphtheria	•••••	8	Softening of Brain	2		Thirtieth
Dropsy	1		Small-pox	1	1	
" Abdominal	2	•••••	Strangulation	ļ	1	*Almshouse, 5. †Municipal Hospital 1.
4 of Brain		1	Suicide, Hanging	1		
" Liver	1		" Laudanum	1		Nathritan ata
Disease of Heart	11	4	Syphilis	1]	Nativity, etc.
" Liver	1		Tabes Mesenterica		1	United States 821
Drowned	8	2	Tetanus		1	Foreign 95
Dysentery	 	2	Trismus Nascentium		1	Unknown 14
Effusion of Brain	1	2	Ulceration of Lung	1		People of Color 20
Epilepsy	1	1	Uræmia	1	2	From Almshouse 5
Erysipelas	1	1		-	228	From Municipal
Enlargement of Heart	3		TOTALS	202	228	Hospital 1
Fatty Degen. of Heart	2			1	-	
Fever, Malarial	1				li	Males 228
" Puerperal	1		Of the above there were	1		Females 202
" Remittent	ļ	1	Under 1 year		126	Boys 136
4 Scarlet	2	19	From 1 to 2		30	Girls 92
" Typhoid	8		" 2 to 5		35	
Fistula	1		" 5 to 10		15	Premature Birth.
Gangrene	1		" 10 to 15		10	353
Heart Clot	1		" 15 to 20		12	Males 4
Hemorrhage, Stomach	2		" 20 to 30		36	Females 2
Hernia, Strangulated	1		" 30 to 40		30	Total 6
Hooping-cough		8	" 40 to 50		39	
Hypertrophy of Heart			" 50 to 60		24	Still-Born.
Infla'mat'n, Brain		6	" 60 to 70		26	36.3
" Bronchi	1	'3	" 70 to 80		82	Males 11
		ı I			ا ا	Females 6
	2		" 80 to 90		14	
	ı -		" 80 to 90		14	Total

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

WEEK Ending Saturday, June 30, 1883.

RAIN.	ij	8	8	21.	1.67	S.	8	8	1.87
THER.	8.07 P.M. 11.07 P.M.	Fair.	Cloudy.	Cloudy.	Clear.	Cloudy.	Clear.	Clear.	
STATE OF WEATHER.		Fair.	Fair.	Fair.	Cloudy.	Clear.	Fair.	Fair.	
BTAT	7.07 A. M.	Clear.	Fair.	Cloudy.	Lt. Bain.	Cloudy.	Cloudy.	Clear.	
Fe	70.11 M. A	10	1	-	•	••	64	=	
VELOCITY OF WIND.	8.07 P. M.	21	18	71	••	10	4	81	
PO	70.7 .MA		~	2	~	•	-	4	
no.	11.07 .Mq.	ય જ	8 8	હ્યું	N.W.	න්	N.W.	N.W.	
DIRECTION (WIND.	8.07 M. A	खं खं	त्र इ	년 80	N.W.	8.W.	B.W.	N.W.	
DIR	70.7 .MA	₩.	3 8	र्ख 80	턻	13 13	ත්	``	
EE	11.07 P. M.	82	8	100	88	25	8	8	
RELATIVE HUMIDITY.	8.07 P. M.	4	11	83	901	88	88	18	
RE	70.7 .MA	28	97	88	901	8	8	8	
	Min'm.	8	29	Ľ	8	8	n	8	
ag .	.m.xsM	88	28	88	78	88	38	88	
Thermometer.	Mean Daily Value.	76.8	75.0	77.0	70.5	74.7	77.2	78.8	74.9
HEBN	11.07 P. M.	29	73	74	88	78	22	8	
F	70.8 P. M.	28	8	28	2	8	8	8	
	70.7 .M. A	- 22	8	*	22	8	73	72	
	Mean Daily Value.	30.02	29.99	29.97	29.88	29.96	29.86	29.88	29.94
BAROMETER.	11.07 P. M.	30.02	29.98	29.98	29.83	29.96	28.83	28.58	
Ваков	3.07 P. M.	30.00	29.97	8.8	29.87	29.95	29.82	29.82	
	7.07 A. M.	30.05	30.08	29.96	29.92	29.98	29.92	88.83	
Month and Day.	1883. JUNE.	Sunday, 24,	Monday, 25,	Tuesday, 26,	Wed'sday, 27,	Thursday, 28,	Friday, 29,	Saturday, 30,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

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WEEK ENDING SATURDAY, JULY 7, 1883.

	ADULTS	MINORS	CAUSES OF DEATH. 15 0 0 DEATHS IN EACH WARD.
Alcoholism		İ	Hemorrhage, Lungs 8 First 2
Apoplexy	7		Hernia, Strangulated 2 Second
Anæmia		1	Hooping-cough
Asthma	1		Infla'mat'n Brain 4 4 Fifth 1
Bright's Disease	3		" Bronchi A Sixth
Burns and Scalds	1		Gall Bladder 1 Seventh 2
Cancer of Breast	1	1	" Kidneys 1 Ninth
« Ovaries	1		" Tenth 1
" Rectum	1		" Liver 2 Twelfth 1
" Stomach	6		" Lungs 2 6 Thirteenth
" Uterus		l	" Posicional of Fourteenth 10
Casualties	2	1	Peritoneum. 2 1 Sixteenth 19
Cerebro-spinal Meningitis		1	" Pleura 1 Seventeenth 1
Congestion of Brain		10	" G & Bo-ole 4 C Eighteenth 2
" Kidneys	ı	1	"Throat 1 Nineteenth 3
" Lungs		1	" Tonsils 1 Twenty-first
Cholera Infantum		101	Twenty-second 12
Cirrhosis of Liver			Jaundice 3 2 Twenty-third 8 2 Twenty-fourth 22
Colic		1	Mania-a-potu
Consumption of Bowels		1	Twenty-sixth 17
" Lungs		5	Measles
Convulsions		22	Old Acce 10 Twenty-ninth 16
" Puerperal			Thirtieth 18
Croup	ı	8	Paralusia 1111ty-1118th
Cyandsis	ı	8	Pelvic Cellulitis
Degeneration of Liver			1 y ocilii on
Debility		10	Rheumatism 2 Sclerosis of Liver 1
Diabetes	1		Scrofula 2 Rauvity, etc.
Diarrhœa	2	7	Septicæmia
Diphtheria		10	Softening of Brain 3 United States 400
Dropsy		l	Small-pox 3 Foreign 86
" Abdominal			Starvation
" of Brain	i	8	Suicide, Drowning 1 People of Color 27 Hanging 1 From Almshause 11
4 Lungs	l		Teething 1 From Aimsnouse 11
" Ovarian			Tumor, Ovarian
Disease of Brain	1		Ursemia
" Heart	17	3	Meles 950
" Kidneys			Totals203 301 Females 244
" Liver	1		Boys 164
Drowned	1	8	Girls
Dysentery		1	Of the above there were:
Effusion of Brain		8	Premature Plath
Embolism of Brain			Under 1 year
Epilepsy			" 2 to 5 36 Males
Erysipelas	1		" 5 to 10 16 Females 1
Enlargement of Prostate			" 10 to 15
Fever, Malarial			" 20 to 30 31
" Puerperal			" 30 to 40 30 Selil_Rom
" Scarlet		13	" 50 to 60 39
" Typhoid		8	" 60 to 70 27 Males 14
		1	" 70 to 80 32 Females
" Typhus	1		" 70 to 80

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADRIPHIA,

DUBING THE WERK ENDING SATURDAY, JULY 7, 1883.

BAIM.	In.	S.	8	8	8	Si .	si	8	8.
STATE OF WEATHER.	M. 11.07 P. M.	Clear.	Clear.	Clear.	Clear.	Clear.	Clear.	Clear.	
	3.07 A.	Clear,	Hagy.	Hazy.	Clear.	Clear.	Fair.	Clear.	
	7.07 A. M.	Clear.	Clear.	Clear.	Clear.	Clear.	Clear.	Clear.	
VELOCITY OF WIND.	11.07 P. M.	89	•	8	80 .		60	4	
	8.07 P. M.	4	13	10	91	9	9	12	
	70.7 .MA	13	9	•	∞	9	10	4	
DIRECTION OF WIND.	11.07 P. M.	8.W.	8.W.	র প	S.W.	S.W.	¥	S.W.	
	8.07 P. M.	8.W.	S.W.	N.W.	8.W.	B.W.	`.	8.W.	
	70.7 .M .A	z	ß. ₩.	₩.	B.W.	N.W.	8.W.	8.W.	
RELATIVE HUMIDITY.	11.07 P. M.	3 5	28	20	28	8	7	22	
	8.07 P. M.	22	8	8	8	2	Z	62	
	70.7 .M. A	\$	87	7	82	8	28	79	
Тиквмометкв.	Min'm.	28	2	74	74	78	2	4	
	Max'm,	75	87	8	88	28	88	\$	
	Mean Daily Value.	66.7	78.2	88.5	84.8	81.8	84.9	8.5.8	80.6
	11.07 P. M.	8	2	78	3	20	22	82	
	8.07 P. M.	72	88	83	88	28	92	8	
	70.7 .M.A	8	8	8	79	11	4	&	
BAROMETER.	Mean Daily Value.	80.14	30.00	80.10	30.10	30.09	30.08	29.87	30.18
	11.07 P.M.	30.12	29,99	80.11	30.12	30.05	30.00	29.80	
	8.07 P. M.	30.14	28.92	30.11	30.06	30.05	80.01	28.02	
	7.07 A. M.	30,15	30.08	30.06	30.16	30.16	. 60.08	29,95	
Month and Day.		۴,	બ	ω,	4,	5,	9	7,	
	1883. July	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Seturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

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WEEK ENDING SATURDAY, JULY 14, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH,	ADULTS.	MINORS.	DEATHS IN EACH	
Alcoholism	8		Infla'mat'n, Lungs	10	7	First	29
Ansemia	1	¦	" Peritoneum.			Second	26
Aneurism of Aorts	1		# 8. & Bowels	6	16	Fourth	18
Apoplexy	6	 	a Spine	100		Fifth	16
Asphyxia	l	1	Inanition		8	Sixth	6
Bright's Disease	6	ll	Intussusception	1		Seventh	21 7
Cancer of Breast	1		Jaundice	1	1	Ninth	8
" Liver	1		Mania-a-Potu			Tenth	11
" Stomach	1		Malformation		1	Eleventh	10 12
" Uterus	8		Marasmus		24	Twelfth	14
Casualties	4	1	Measles		3	Fourteenth	9
Cerebro-spinal Meningitis	-	2	Neuralgia of the Heart	1	-	Fifteenth	27
Congestion of Brain	4	13				Sixteenth	12 24
" Heart		1	Old Age		1	Eighteenth	19
Cholera Infantum		142	Paralysis		0.1	Nineteenth	44
	2	142	Pyæmia	1		Twentieth	16 13
- Morbus	2	1	Rheumatism			Twenty-first,	17
Cirrhosis of Liver	46	11	or neart			Twenty-third	9
Consumption of Lungs	1	l I	Septicæmia		1	Twenty-second Twenty-third Twenty-fourth Twenty-fifth	28
Convulsions	- 1	28	Softening of Brain		****	Twenty-nith	28 19
" Puerperal	•••••	1	Small-pox	1	2	*Twenty-seventh.	20
Cramp	•••••	1	Spina Bifida	*****	1	†Twenty-eighth	21
Croup		4	Suicide, Cutting Throat	1		Twenty-ninth	28 22
Debility	2	10	" Hanging	1		Thirtieth Thirty-first	20
Diabetes	1		Sunstroke	21	2		
Diarrhœa	2	4	Syphilis		4	*Almshouse, 10. †Munic Hospital 2.	ipai
Diphtheria		13	Trismus Nascentium		1	1000	
Dropsy	2		Tumor of Stomach	1		W. W. C. C.	
" Abdominal	1	1	" Ovaries	1		Nativity, etc.	
" of Brain	 .	2	" Uterus	1		United States	434
" Heart	1		Ulceration of Bowels			Company of the Compan	115
" Lungs	1	 	Uræmia	2		Unknown	14
Disease of Heart	16	2		-	-	People of Color	31
" Spleen	 	1	TOTALS	221	342	From Almshouse	10
Drowned	2	 		-		From Municipal	10
Erysipelas	2				1 1	Hospital	2
Enlargement of Heart	1						_
Fatty Degen. of Heart	1					Males	285
Fever, Puerperal	2		Of the above there were	11			278
" Scarlet		11	Under 1 year		218		178
" Typhoid	9	5	From 1 to 2		54		164
" Typhus	-		" 2 to 5		30	G1110	
Gangrene of Scrotum	1		" 5 to 10		20	Premature Birth.	
Goitre Exophthalmic	i	·····	" 10 to 15		8	. romaturo on the	
	2		10 00 10		1 - 1	Males	2
Heart Clot			10 00 20		12	Females	4
Hemorrhage, Lungs			20 00 00		51		
Hooping-cough		1	- 80 10 40		48	Total	_6
Hypertrophy of Heart " Liver	1	1	" 40 to 50 " 50 to 60		34 32	Still-Born.	
Infla'mat'n, Braln	2	12	4 60 to 70		24	120.1	
" Bronchi	1		" 70 to 80		17	Males	6
" Kidneys	-	1	" 80 to 90		16	Females	14
		1 1					
" Larynx		11	" 90 to 100		4	Total	20

Meteorological Observations taken at the Signal Office, Philadelphia,

WEEK ENDING SATURDAY, JULY 14, 1883. DURING THE

RAIM.		1.08	Si	8	8	8	8	8	1 3
THER.	8.07 P. M. 11.07 P.M.	Sprinkl'g Sprinkl'g	Cloudy.	Clear.	Clear.	Clear.	Clear.	Clear.	
STATE OF WEATHER.	8.67 P. M.	Sprink!'g	Cloudy.	Clear.	Fair.	Fair.	Fair.	Clear.	
STAT	7.07 A. M.	Clear.	Cloudy.	Cloudy.	Clear.	Cloudy.	Cloudy.	Fair.	
Ed	11.07 P. M.	21	4	ю	4	8	10	4	
VELOCITY OF WIND.	8.07 P. M.	41	ю	•	81	71	7	4	
A O	70.7 .M .A	7	7	61	10	9	81	7	
r 0#	11.07 M9	N.E.	Z.	ත්	B.W.	σά	N.W.	S.W.	
DIRECTION WIND.	8.07 P. M.	N.E.	N.E.	8.W.	S.W.	S.W.	W.	ß. W.	
Dra	70.7 .M. A.	₩.	N.E.	ග්	S.W.	8.W.	ත්	zi	
W.	11.07 P. M.	8	8	8	84	28	8	88	
RELATIVE HUMIDITY.	8.07 .MT	28	\$	95	18	72	72	22	
RE	7.07 .MA	28	88	8	\$	26	8	2 5	
	Min'm.	8	25	67	8	P.	2	67	
ej.	Max'm.	84	27	78	8	8	8	8	
Thermometer.	Mean Daily Value.	74.3	66.5	72.0	75.2	77.3	76.5	77.0	73.8
HEB	11.07 P, M.	8	8	2	7	2	8	4	
H	7.07 A. M. A. 78.8 8.07 F. M. · F.	78	8	78	88		88	8	
	70.7	2		8	3	2	7	٤	
	Mean Daily Value.	29.86	30.08	30.08	29.97	8 .8	29.79	83: 83:	29.91
BAROMETER.	11.07 P. M.	29.91	30,04	30.02	29.96	29.79	29.82	29.30	
BARON	8.07 P. M.	29.83	30.04	30.00	20,92	29.79	29.75	29.87	
	7.07 A. M.	28.84	30.00	90.08	28.38	29.93	29.79	29.91	
Day.	.•	æ	o,	97	Ħ,	12,	13,	7,	
Month and Day	1888. JULY.	Sanday,	Monday,	Tuesday,	Wed'sday, 11,	Thursday, 12,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

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WEEK ENDING SATURDAY, JULY 21, 1883.

CAUSES OF DEATH.	ADULTS.	MINORB.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EAC.	н
Alcoholism	4		Infla'mat'n, Peritoneum.	2	1	First	26
Anæmia	1		" Pleura	8		Second	18
Apoplexy	9		" S. & Bowels		6	Third	11
Asthma	1		" Spine		1 - 1	Finh	28 10
Bright's Disease	5		Dp.mo	1	······	Sixth	8
Cancer of Breast			Insanity			Seventh	15
" Stomach	-		Inanition		15	Eighth	6
- Swinacii	2		Malformation		1	Ninth Tenth	5 14
· · · · · · · · · · · · · · · · · · ·	_		Marasmus		28	Eleventh	12
Casualties		8 7	Measles		3	Twelfth	9
Congestion of Brain		1 1	Old Age		·····	Thirteenth	9 18
Child-birth	1		Obstruction of Bowels	1		Fifteenth	21
Cholera Infantum		94	Paralysis	6		Sixteenth	6
" Morbus			Rheumatism of Heart	1	1	Seventeenth	15
Cirrhosis of Liver	2	[]	Sciatica	1		Eighteenth Nineteenth	22 28
Colic		1	Septicæmia	1		Twentieth	20
Consumption of Lungs	49	5	Sclerosis of Spine	1		Twenty_first	12
Convulsions	1	20	Sore Mouth		3	Twenty-second Twenty-third Twenty-fourth	18
" Puerperal	1	l	Softening of Brain	2	lI	Twenty-fourth	11 82
Croup		8	Small-pox			I wenty-nith	24
Cyanosis		7	Suicide, Cutting Throat		1	Twenty-sixth	17
Debility		2	" Drowning			*Twenty-seventh.	18 18
Diarrhœa		2	" Hanging			Twenty-ninth	28
Diphtheria	1	12	Sunstroke		2	Thirtieth	8
Dropsy	1		Suffocation	_	1 - 1	Thirty-first	17
" Abdominal	ı				1	*Almshouse, 9. †Muni Hospital, 0.	cipal
of Brain		4	Tabes Mesenterica	1	1	Hospital, 0.	_
Of Diam	1	i i	Unknown	1	·····		
" Lungs	_		Uræmia	3	·····	Nativity, etc.	
Disease of Heart		8	TOTALS	207	272		
4 Hip		1				United States	385
Drowned		2				Foreign	79
Dysentery						Unknown	15
Effusion of Brain						People of Color	28
Erysipelas					1 1	From Almshouse	20
Enlargement of Liver			,		1	From Aimsnouse	y
Fatty Degen. of Heart					1 1	ŀ	
Fever, Malarial	1				1 1		
" Scarlet	ļ	9			I. I	Males	250
" Typhoid	7	8	Of the above there were	1		Females	229
Gangrene of Lung			Under 1 year		174	Boys	
Heart Clot	ı	l	From 1 to 2		33	Girls	
Hemorrhage, Bowels	1		" 2 to 5		23		
" Nose		1	" 5 to 10		21	Premature Birth	
" Uterus	1		" 10 to 15		8	l	
Hooping-cough	ł	3	" 15 to 20		18	Males	2
Hypertrophy of Heart	2	2	" 20 to 30		48	Females	5
Infla'mat'n, Brain	_	16	" 30 to 40		32	Total	<u></u>
" Bronchi		2	" 40 to 50		26	T.O.S.I	
* Bladder		-	***************************************		1 1	Still-Born.	
- Diaduer			50 10 00		80	Sun-bulli,	
Eluleys	1		00 00 70		29	Males	8
Lary II X	1	1	·· /0 to 80		24	Females	7
range	8	5	00 W 30		15	1	
" Pericardium	1	1	" 90 to 100	••••••	8	. Total	15
		, ,			<u>''</u>	<u> </u>	

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RAIN.

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METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE WEEK ENDING SATURDAY, JULY 21, 1883.

									- 11	
HER.	A. M. 11.07 P. M.	Clear.	Clear.	Pair.	Clear.	Fair.	Clear.	Cloudy.		
STATE OF WEATHER.	8.07 A. M.	Fair.	Clear.	Threat'g.	Clear.	Fair.	Clear.	Cloudy.		
STAT	7.07 A. M. 8.07	Clear.	Clear.	Clear.	Clear,	Clear.	Fair.	Cloudy.		
E e	11.07 P. M. 9	•	61	9	o	10	*	69		
VELOCITY OF WIND.	A. M. 8.07 P. M.	92		=======================================	. 2	9	-	6		
¥ 6	70.7 .M.A	89	7	•	ø	*0	2	-		
10 E	11.07 .MT	8.W.	N.W.	8.W.	X.		¥.	න්		
DIRECTION OF WIND.	8.07 M.:T	øć .	N.W.	රේ	N.W.	N.W.	zi	ත්		
Ä	70.7 .MA	ಹ	N.W.	œ	zi	zi	zi	8.W.		
M.Y.	11.07 P. M.	2	88	97	83	\$	22	97		
RELATIVE HUMIDITY.	8.07 P. M.	92	29	92	92	2	69	8		
H.H.	70.7 .M.A	8	88	8	62	11	78	8		
	.ma'naiM	72	2	74	92	2	3	8		
d	Max'm.	88	· %	16	18	11	28	22		
Тневмометкв	Mean Daily Value,	78.8	79.3	80.0	75.2	71.7	70.7	75.8	75.8	
HEE	11.07 P. M.	73	79	76	7	8	7	55		
E	A, M. 8.07 P. M.	8	\$	88	8	11	75	25		
l	1 202	75	2	4	7.	8	8	8		
	Mean Daily Value,	29.83	29.96	29.97	30.11	30.13	30.20	30.21	30.06	
BAROMETER.	11.07 P. M.	29.79	30.00	30.01	30.12	30.13	30.23	30.18		
BARO	8.07 P. M.	29.80	29.96	29.91	30.10	30.11	30.16	30.20		
	7.07 A. M.	29.90	29.94	28.30	30,11	30.16	30.30	30.26		
Day.		15,	16,	17,	18,	19,	ଛ	21,		
Month and Day.	1883. JULY.	Sunday,	Monday,	Tuesday,	Wed'sday, 18,	Thursday, 19,	Friday,	Saturday,	Means	

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

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WEEK ENDING SATURDAY, JULY 28, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN RACH WARD.	
Alcoholism	1		Infla'mat'n, Lungs	8	8	First	22
Apoplexy	5		" Pericardium	1		Second	17
Asphyxia		1	" Peritoneum.	J	1	Third	18 21
Asthma	1		" S. & Bowels	8	18	Fifth	12
Bright's Disease			" Uterus	- 1		Sixth	8
Cancer of Liver	2		Insanity			Seventh	14
" Stomach	2		Inanition		14	Eighth	8
" Uterus	- 1		Jaundice		14	Tenth	9
Carbuncle	~	1	Marasmus		33	Eleventh	6
Casualties	8		Murder		**	Twelfth Thirteenth	10 6
	-	1				Fourteenth	18
Cerebro-spinal Meningitis			Neuralgia of the Heart		·····	Fifteenth	22
Congestion of Brain		8	Necrosis of Thigh			Sixteenth	10
Lungs		2	Old Age			Seventeenth Eighteenth	8 12
Cholera Infantum		97	Paralysis			Nineteenth	25
" Morbus		2	Septicsemia			Twentieth	15
Cirrhosis of Liver	2	••••••	Sore Mouth		1 1	Twenty-first	12
Congestive Chill			Small-pox		1	Twenty-second Twenty-third	17 10
Consumption of Lungs	36	7	Suicide, Opium	. 1		Twenty-fourth	22
Convulsions		18	" Shooting	2	. 	Twenty-fifth	14
" Puerperal	1		Sunstroke	8	ll	Twenty-sixth	20 21
Croup		6	Syphilis		1	*Twenty-seventh.	82
Debility		4	Tumor of Stomach			Twenty-eighth	16
Diabetes	1		Uræmia	4	1	Thirtieth	15
Diarrhœa	6	1		·		Thirty-first	16
		18	TOTALS	169	272	*Almshouse, 11. †Munici	ipal
Diphtheria		10		=	===	Hospital 0.	
" of Brain	1 -	2			1		
OI DIBIH		1 - 1				Nativity, etc.	
" Chest	-						
Deart	1 -				1 1		850
Disease of Heart	1 -					Foreign	76
4 Livor	1					Unknown	15
" Liver		1 1					10
" Lungs						People of Color	21
" Lungs Drowned	1	1				People of Color From Almshouse	
" Lungs	1 2	1					21
" Lungs Drowned Dysentery Effusion of Brain	1 2) — I					21
" Lungs Drowned Dysentery Effusion of Brain Erysipelas	1 2 1	1				From Almshouse	21 11
" Lungs Drowned Dysentery Effusion of Brain	1 2 1	1 1 				From Almshouse	21 11 282
" Lungs	1 2 1 1	1 1 	Of the above there were	o i		From Almshouse	21 11
" Lungs	1 2 1 1 9	1 1 	Of the above there were Under 1 year		174	From Almshouse Males Females	21 11 282
" Lungs	1 2 1 1 9	1 1 9			174 35	MalesFemalesBoys	21 11 282 209
" Lungs	1 2 1 1 1 9	1 1 9 8	Under 1 year	••••••		Males	21 11 282 209 149
" Lungs	1 2 1 1 9 1 1	1 1 9 8	Under 1 year From 1 to 2	••••••	85	MalesFemalesBoys	21 11 282 209 149
" Lungs	1 2 1 1 1 9 1 1 1	1 1 9 8	Under 1 year From 1 to 2		35 26	Males	21 11 282 209 149 128
" Lungs	1 2 1 1 1 9 1 1 1 1	1 1 9 8 	Under 1 year		35 26 22 4	Males	21 11 282 209 149 123
" Lungs	1 2 1 1 1 9 1 1 1 1 1	1 1 9 8	Under 1 year		35 26 22 4	Males	21 11 282 209 149 128
" Lungs	1 2 9 1 1 1 1 1 2	1 1 9 8 	Under 1 year		35 26 22 4 11	Males	21 11 282 209 149 123
" Lungs	1 2 9 1 1 1 1 1 2	1 1 9 8 	Under 1 year		35 26 22 4 11 34 28	Males	21 11 282 209 149 128
" Lungs	1 2 9 1 1 1 1 1 2	1 1 9 8 	Under 1 year		35 26 22 4 11 84 28 24	Males	21 11 282 209 149 128
" Lungs	1 1 1 1 1 1 1 1 2	1 1 9 8 	Under 1 year		35 26 22 4 11 34 28 24 26	From Almshouse Males	21 11 282 209 149 128
" Lungs	1 1 1 1 1 1 1 1 1 2	1 1 9 8 8	Under 1 year		85 26 22 4 11 84 28 24 26 24	From Almshouse Males	21 11 282 209 149 128
" Lungs	1 1 1 1 1 1 1 1 1 2	1 1 1 9 8 8 1 1 11 4	Under 1 year		85 26 22 4 11 84 28 24 26 24 19	From Almshouse Males	21 11 282 209 149 128 3 2
" Lungs	1 1 1 1 1 1 1 2 1 1 2	1 1 9 8 8	Under 1 year		85 26 22 4 11 84 28 24 26 24	From Almshouse Males	21 11 282 209 149 128 3 2 5

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE WERK ENDING SATURDAY, JULY 28, 1888.

RAIN.	덈	. 8	8	8.	9.	8	8	8	9.
PHICH.	11.07 P.M.	Clear.	Lt. Rain.	Sprinkl'g	Clear,	Clear.	Clear.	Cloudy.	
STATE OF WRATHER.	3.07 P. M.	Pair.	Fair.	Cloudy.	Fair.	Fair.	Fair.	Fair.	
STAT	7.07 A. M.	Fair.	Clear.	Cloudy.	Fair.	Clear.	Clear.	Fair.	
Fe	11.07 P. M.	é	∢	۰	04	**	9	•	
VELOCITY OF WIND.	8.07 P. M.	=	32	9	•	9	2	13	l i
P 0	70.7 A. M.	*	••	7	=	8	8	~	
40	11.07 MT	S.W.	M.W.	z z	80 Ed	ಹ	B.W.		
DIRECTION C WIND.	8.07 F. M.,	8.W.	N.W.	z z	ri Fi	න්	B.W.	8.W.	
DIR	7.07 .M. A	ß.W.	B.W.	Z.E	Z.	ත්	8.W.	ත්	
VE FX.	11.07 P. M.	88	28	8	25	29	83	88	
RELATIVE HUMIDITY.	8.07 P. M.	2	8	8	92	13	29	8	
A PA	70.7 .MA.	8	88	\$	8	8	22	8	
	Min'm.	22	92	2	2	29	29	22	
ei ei	Max'm.	25	91	78	82	82	28	28	
Thermometer.	Mean Daily Value.	82.2	82.3	88.8	71.8	74.3	77.0	76.2	73.6
TERM	11.07 TA. M.	8	11	\$	22	71	75	73	
a	8.07 P. M.	16	16	72	11	25	28	88	
	70.7 M. A.	25	8	2	8	2	2	72	'
	Mean Daily Value.	30.07	20.92	28.83	20.92	30.06	80.13	28.98	29.98
BAROMETER.	11.07 P. M.	30.02	29.30	29.78	29.99	30.10	30.11	29.98	
BAROL	8.07 P. M.	30.05	29.87	29.79	29.90	30.04	30.11	29.91	
	7.07 A. M.	30.12	30,00	29.87	20.86	30.05	30.17	30.06	
Day.		ផ	ส์	á	หู	á	27,	8	
Month and Day	1883. JULY.	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Means.

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

140 Week Ending Saturday, August 4, 1883.

CAUSES OF DEATH:	ADULTS.	MINORS.	CAUSES OF DEATH.	MINORS.	DEATHS IN EACH WARD.
Abscess of Brain	2	 	Infla'mat'n, Pericardium		First 18
" Parotid Gland		1	" Peritoneum.	1 .	Second 7
Alcoholism	1		" S. & Bowels 5	12	Third 14 Fourth 10
Anæmia	1		Inanition	1	Finh 11
Apoplexy	2		Jaundice 1		Sixth 6
Asphyxia		1	Mania-a-potu 1		Seventh 18 Eighth 10
Bright's Disease	2	1	Malformation		Ninth 2
Burns and Scalds	1	8	Marasmus		Tenth 12
Cancer of Breast	3	ll	Murder		Eleventh
" Groin	1		Old Age 18		Thirteenth 4
# Rectum	1		Obstruction of Bowels		Fourteenth 10
Casualties	6	2	Paralysis	1 1	Fifteenth 17 Sixteenth 7
Congestion of Brain	1	4	Poisoning, Laudanum		Seventeenth 10
Kidneys	1		Rheumatism of Heart 1		Eighteenth 12
" Lungs		4			Nineteenth 28
Cholera Infantum	_	70		1 7	Twentieth 15 Twenty-first 8
" Morbus	3	1	Softening of Brain 2	1	Twenty-second 10 Twenty-third 11 Twenty-fourth 12
Consumption of Lungs	_	8			Twenty-third 11
Convulsions		18	Suicide, Corro. Sublimate 1		Twenty-fourth 12 Twenty-fifth 19
-		1	TTWITETING		Twenty-sixth 22
Cramps		2	IMMUMAHUH	1 1	*Twenty-seventh. 18
€roup		2	Syphilis		Twenty-eighth 10 Twenty-ninth 18
Cyanosis		4	Tabes Mescuterica 1		Thirtieth 14
Debility	2	2	Tetanus 1	1	Thirty-first 15
Diarrhœa		- 1	Ursemia 1		*Almshouse, 3. †Municipal Hospital, 0.
Diphtheria		13	TOTALS 157	226	Hospital, 0.
Dropsy, of Heart				=	
" Lungs			-	1	Nativity, etc.
Disease of Heart	6	2			<u> </u>
Drowned	1	2			United States 801
Dysentery	2				Foreign 76
Effusion of Brain	1			1	Unknown 6
Empyema	1			1	People of Color 20
Erysipelas		1		1 .	From Almshouse 8
Enlargement of Heart	1	1			Trom Amisaduse •
Fever, Intermittent		1			l l
4 36-11-1	1	2]
" Malarial					Males 186
" Scarlet		7			
" Scarlet " Typhoid	8	7 2			Females 197
" Scarlet	8		Of the above there were:		Females 197 Boys 115
" Scarlet " Typhoid	8	2	Of the above there were: Under 1 year	138	
" Scarlet " Typhoid " Typhus	8	2		1	Boys 115 Girls 111
" Scarlet " Typhoid " Typhus Fracture of Skull	8 1 1	2 	Under 1 year	30	Boys 115
" Scarlet" " Typhoid" " Typhus" Fracture of Skull Gangrene	8 1 1 2	2 	Under 1 yearFrom 1 to 2	30 27	Boys
" Scarlet	8 1 1 2 2 1	2	Under 1 year	30 27 14	Boys
" Scarlet	8 1 1 2 2 1 1	2 	Under 1 year	30 27 14	Boys
" Scarlet	8 1 1 2 2 1 1	2	Under 1 year	30 27 14 9	Boys
" Scarlet	8 1 1 2 2 1 1	2 1	Under 1 year	30 27 14 9 8	Boys
" Scarlet	8 1 2 2 1 1 1	2 	Under 1 year	30 27 14 9 8 30	Boys
" Scarlet	8 1 2 2 1 1 1	2 1 	Under 1 year	30 27 14 9 8 30 38 17	Boys
" Scarlet	8 1 2 2 1 1 1 1	2 1 7 1	Under 1 year	30 27 14 9 30 30 33 17	Boys
" Scarlet	8 1 2 2 1 1 1 1 2	1 7 1	Under 1 year	30 27 14 9 8 30 38 17 28 28	Boys
" Scarlet	8 1 2 2 1 1 1 1 2	2 1 7 1	Under 1 year	30 27 14 9 8 30 30 33 17 28 23 16	Boys

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK Ending Saturday, August 4, 1883. DURING THE

RAIN.	ij	2.	8	S.	8	7.86	8	g.	7.38
HER.	11.07 P. M.	Clear.	Clear.	Clear.	Clear.	Clear.	Clear.	Clear.	
STATE OF WEATHER.	A. M. 3.07 A. M. 11.67 P. M.	Fair.	Fair.	Clear.	Clear.	Cloudy.	Fair.	Fair.	
STAT	7.07 A. M.	Clear.	Clear.	Clear.	Clear.	Lt. Rain.	Fair.	Clear.	
Fe	11.07 P. M.	4	•	4	•	•	4	20	
VELOCITY OF WIND.	70.8 .MT	6	12	7	13	4	16	2	
V 60	70.7 .MA.	•	*	۲-	4	•	61	*	
0.	11.07 M9	8.W.	S.W.	S.W.	S.W.	zi	`.	N.W.	
DIRECTION WIND.	8.07 P. M.	N.W.	``	``	B.W.	N.W.	N.W.	N.W.	
DIB	70.7 .MA	N.W.	S.W.	8.W.	N.W.		S.W.	``	
# E	11.07 P. M.	82	8	\$	8	8	78	22	
RELATIVE HUMIDITY.	8.07 P. M.	83	62	62	29	34	74	11	
##	70.7 .M .A	78	\$	\$	88	8	8	8	
	Min'm.	8	8	\$	67	67	28	19	
e	Max'm.	25	28	8	28	76	8	92	
Thermometer.	Mean Daily Salue.	69.8	63.0	70.5	76.7	70.8	71.5	69.0	69.8
HER	11.07 .M .A	8	8	11	75	11	8	29	
E4	8.07 P. M.	72	92	8	2	2	5	72	
<u> </u>	70.7 .M .A	8	8	2	12	72	63	<u>z</u>	
	Mean Daily Value.	29.87	29.96	29.95	30.00	29.78	29.84	30.04	29.92
BAROMETER.	11.07 P.M.	29.92	29.96	29.95	29.97	29.78	29.93	30.09	
BAROI	3.07 P. M.	29.85	29.82	29.98	30.02	29.70	29.82	30.01	
	7.07 A. M.	29.84	29.98	8.62	80.15	29.86	29.79	30.02	
Month and Day.	1883. JULY.	Sunday, 29,	Monday, 30,	Tuesday, 31,	AUGUST. Wed'sday, 1,	Thursday, 2,	Friday, 8,	Saturday, 4,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

142 Week Ending Saturday, August 11, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS,	DEATHS IN EACH	1
Abscess of Liver	1		Infla'mat'n, Peritoneum.	8	127	First	19
Alcoholism	2	ll	" Pharynx		1	Second	14
Apoplexy	6		" S. & Bowels		8	Third	16
Asphyxia		2	Insanity	1 -	(5)	Fourth	11
Bright's Disease	2	ī	Inanition	2	13	Sixth	2
•		i - i		_	70-1	Seventh	20
Cancer of Breast			Jaundice	1		Eighth	5
- LAVER	1		Marasmus	1	85	Ninth	5
Stomach			Necrosis of Vertebra	-		Eleventh	8
Caries of Spine	1		Old Age			Twelfth	9
Casualties	4	1	Ossification of Heart		****	Thirteenth	8 9 6 7 26
Congestion of Brain	8	2	Paralysis	8		Fourteenth	96
" Liver	1		Pyæmia	1	1	Sixteenth	8
4 Lungs	1	1	Rheumatism of Heart	1		Seventeenth	12
Chores	1	1	Rupture of Spleen	,	1	Eighteenth	13
Cholera Infantum		78	Sclerosis of Spine			Nineteenth	28 21
" Morbus		1	Septicæmia		3	Twentieth Twenty-first	4
Cirrhosis of Liver			Sore Mouth		4	Twenty-second	9
		5			-	Twenty-third Twenty-fourth	8
Consumption of Lungs		17	Softening of Brain	1	1	Twenty-fourth	17
Convulsions	1		Small-pox		1	Twenty-fifth Twenty-sixth	23 20
Croup		5	Suicide, Hanging		*****	*Twenty-seventh.	24
Debility	7	2	" Shooting	1		Twenty-eighth	17
Diabetes	1	1	Syphilis	ļ	1	Twenty-ninth	24
Diarrhœa	3	1	Teething	l	1	Thirtieth	20
Diphtheria		20	Tetanus		. 04	Thirty-first	_
Dropsy		l	Tumor of Stomach			*Almshouse, 5. †Munic Hospital 1.	ipal
" of Brain	_	2	" Ovarian	_		Hospital I.	
" Chest				<u> </u>			
" Heart	i -	1	TOTALS	178	245	Nativity, etc.	
Disease of Heart				=	==		-
					1 1	United States	829
- Kuneys						Foreign	77
Liver		1				Unknown	12
Drowned						People of Color	
	1	- 1			1 1	reopie of Color	27
Dysentery		2	,			From Almshouse	27 5
Dysentery Effusion of Brain	2	- 1	·			From Almshouse	
	2	2					
Effusion of Brain Erysipelas	2	2				From Almshouse From Municipal	5
Effusion of Brain Erysipelas Fatty Degen. of Heart	2 2 1	2 1 	·			From Almshouse From Municipal	5
Effusion of Brain	2 2 1 2	2 1 	Of the above there were	18		From Almshouse From Municipal Hospital	5
Effusion of Brain	2 2 1 2	2 1 7			192	From Almshouse From Municipal Hospital Males Females	5 1 225 193
Effusion of Brain	2 1 2 	2 1 7 4	Under 1 year			From Almshouse From Municipal Hospital Males Females Boys	225 193 133
Effusion of Brain	2 1 2 1 2	2 1 7 4	Under 1 yearFrom 1 to 2		51	From Almshouse From Municipal Hospital Males Females	5 1 225 193
Effusion of Brain Erysipelas Fatty Degen. of Heart Fever, Malignant " Scarlet " Typhoid Fracture of Skull Heart Clot	2 1 2 7 1 2	2 1 7 4	Under 1 year From 1 to 2	••••	51 28	From Almshouse From Municipal Hospital Males Females Boys Girls	225 193 133 112
Effusion of Brain Erysipelas Faity Degen. of Heart Fever, Malignant " Scarlet " Typhoid Fracture of Skull Heart Clot Hemorrhage, Brain	2 1 2 7 1 2 1	2 1 7 4	Under 1 year	•••••	51 28 22	From Almshouse From Municipal Hospital Males Females Boys	225 193 133 112
Effusion of Brain Erysipelas Fatty Degen. of Heart Fever, Malignant " Scarlet " Typhoid Fracture of Skull Heart Clot Hemorrhage, Brain " Lungs	2 2 1 2 7 1 2 1 1	7 4	Under 1 year	•••••	51 28 22 6	From Almshouse From Municipal Hospital Males Females Boys Girls Premature Birth.	225 193 133 112
Effusion of Brain Erysipelas Fatty Degen. of Heart Fever, Malignant " Scarlet " Typhoid Fracture of Skull Heart Clot Hemorrhage, Brain " Lungs " Stomach	2 2 1 2 7 1 2 1 1 1	7 4	Under 1 year From 1 to 2	•••••	51 28 22 6 6	From Almshouse From Municipal Hospital Males Females Boys Girls Premature Birth. Males	225 193 133 112
Effusion of Brain Erysipelas Fatty Degen. of Heart Fever, Malignant " Scarlet " Typhoid Fracture of Skull Heart Clot Hemorrhage, Brain " Lungs " Stomach Hooping-cough	2 1 2 7 1 2 1 1 1	2 1 7 4 2	Under 1 year	•••••	51 28 22 6 6 8	From Almshouse From Municipal Hospital Males	225 193 133 112
Effusion of Brain Erysipelas Faity Degen. of Heart Fever, Mallgnant " Scarlet " Typhoid Fracture of Skull Heart Clot Hemorrhage, Brain " Lungs " Stomach Hooping-cough Hypertrophy of Heart	2 1 2 1 2 7 1 2 1 1 1	2 1 7 4 2 1	Under 1 year	•••••	51 28 22 6 6 36 22	From Almshouse From Municipal Hospital Males Females Boys Girls Premature Birth. Males	225 193 133 112
Effusion of Brain	2 1 2 1 2 7 1 2 1 1 1	2 1 7 4 2	Under 1 year	•••••	51 28 22 6 6 8	From Almshouse From Municipal Hospital Males Females Girls Premature Birth. Males Females Total	225 193 133 112
Effusion of Brain Erysipelas Faity Degen. of Heart Fever, Mallgnant " Scarlet " Typhoid Fracture of Skull Heart Clot Hemorrhage, Brain " Lungs " Stomach Hooping-cough Hypertrophy of Heart	2 1 2 1 2 7 1 2 1 1 1 1	2 1 7 4 2 1	Under 1 year	•••••	51 28 22 6 6 36 22	From Almshouse From Municipal Hospital Males	225 193 133 112
Effusion of Brain. Erysipelas. Fatty Degen. of Heart. Fever, Malignant. " Scarlet. " Typhoid. Fracture of Skull. Heart Clot. Hemorrhage, Brain. " Lungs. " Stomach. Hooping-cough. Hypertrophy of Heart. Infla'mat'n, Brain. " Bronchi.	2 1 2 7 1 2 1 1 1 1	2 1 7 4 2 1 12	Under 1 year	•••••	51 28 22 6 6 36 22 37	From Almshouse From Municipal Hospital Males Females Girls Premature Birth. Males Females Total Still-Born.	5 1 225 193 133 112 5 4
Effusion of Brain Erysipelas Fatty Degen. of Heart Fever, Malignant " Scarlet " Typhoid Fracture of Skull Heart Clot Hemorrhage, Brain " Lungs " Stomach Hooping-cough Hypertrophy of Heart Infia'mat'n, Brain " Bronchi " Bronchi " Bladder	2 1 2 7 1 2 1 1 1 1	2 1 7 4 2 1 12 6	Under 1 year		51 28 22 6 6 6 36 22 37 19	From Almshouse From Municipal Hospital Males Females Girls Premature Birth. Males Females Total Still-Born. Males	5 1 225 193 133 112 5 4 9
Effusion of Brain Erysipelas Fatty Degen. of Heart Fever, Malignant " Scarlet " Typhoid Fracture of Skull Heart Clot Hemorrhage, Brain " Lungs " Stomach Hooping-cough Hypertrophy of Heart Infla'mat'n, Brain " Bronchi " Bronchi " Bladder " Kidneys	2 1 2 7 1 2 1 1 1 1 1	2 1 7 4 2 1 12 6 2	Under 1 year		51 28 22 6 6 36 22 37 19 21 26	From Almshouse From Municipal Hospital Males Females Girls Premature Birth. Males Females Total Still-Born.	5 1 225 193 133 112 5 4
Effusion of Brain Erysipelas Faity Degen. of Heart Fever, Mallgnant " Scarlet " Typhoid Fracture of Skull Heart Clot Hemorrhage, Brain " Lungs " Stomach Hooping-cough Hypertrophy of Heart Infla'mat'n, Brain " Bronchi " Bladder " Bladder " Kidneys	2 1 2 7 1 2 1 1 1 1 1 2	2 1 7 4 2 1 12 6	Under 1 year		51 28 22 6 6 6 36 22 37 19 21	From Almshouse From Municipal Hospital Males Females Girls Premature Birth. Males Females Total Still-Born. Males	5 1 225 193 133 112 5 4 9

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE

WEEK ENDING SATURDAY, AUGUST 11, 1883.

Въли.	M. In	8	8	8.	8	8	8	8.	8
THER.	. 11.07 P.M.	Clear.	Clear.	Clear.	Clear.	Hasy.	Clear.	Clear.	
STATE OF WRATHER.	7.07 A. M. 8.07 P. M.	Clear.	Clear.	Hary.	Clear.	Fair.	Fair.	Clear.	
STAT	7.07 A. M.	Clear.	Clear.	Clear.	Hazy.	Clear.	Cloudy.	Clear.	
#e l	11.07 P. M.	6	®	61	•	10	4	•	
VELOCITY OF WIND.	8.07 P. M.	16	91	1	•	••	13	2	
P 8	70.7 .M. A	60	9	2	60	10	•	9	
40 %	11.07 M. A	≱	N.W.	zi		N.E.	Z Z	ᆆ	
DIRECTION C WIND.	8.07 M. · T	N.W.	N.W.	zi	Z.E.	ᆆ	ᆆ	X. E	
n O	70.7 .M .A	8.W.	N.W.	zi	N.W.	z z	Z. E.	N.E.	
E E	11.07 P. M.	8	8	82	76	2 5	3 5	3 5	
RELATIVE HUMIDITY.	8.07 P. M.	. 8	*	8	8	29	2	6	
報用	70.7 .M .A	8	28	73	3 5	8	82	82	
	.m'niM	62	8	8	8	2	3	8	
냺	.m'xsM	2	11	78	79	8	78	- 79	<u> </u>
Тневмометев.	Mean Daily Value.	70.0	70.8	70.3	71.5	72.3	71.0	72.0	71.0
HEB	11.07 P. M.	2	69	8	2	8	12	22	<u> </u>
H	8.07 P. M.	-11	76	11	78	&	11	78	
	70.7 .M.A	8	8	*	8	8	67	29	
	Mean Daily Value.	30.11	30.16	30.19	30.17	30.11	80.08	30.08	30.12
BAROMETER.	11.07 P. M.	30.12	30.18	30.18	30.16	30.10	30.02	30.02	
BAROI	3.07 P. M.	. 80.08	30.14	30.18	30.15	30.10	30.08	30.02	
	7.07 A. M.	30.14	30.17	80.28	30.21	80.15	30.11	30.07	
Day.	ř.	ب,	6	7,	8,	6,	10,	11,	
Month and Day	1883. August.	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Mesns

The surface of the mercury in the cistern of Barometer is 92,119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

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WEEK ENDING SATURDAY, AUGUST 18, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EACH	.
Abscess of Kidneys	1		Hemorrhage, Brain	1		First	19
" Lungs	ī		Hooping-cough		1	Second	14
" Pelvis	ī		Infla'mat'n, Brain		9	Third	15
Alcoholism	ī		" Bronchi	1	8	Fourth	18 11
Apoplexy			" Kidneys		l ° l	Sixth	5
Asphyxia		1	" Larynx	1	2	Seventh	16
Asthma	1		" Liver	1	- 1	Eighth	6 6
Bright's Disease	5		" Lungs	_		Tenth	9
Burns and Scalds	2		" Pericardium		5	Eleventh	7
Cancer, Diffused		1	" Peritoneum.	_		Twelfth Thirteenth	6 11
" of Face	2		" Parotid Gland	_	1	Fourteenth	13
" Liver	1	1 1	I aroud Giand		1	Fifteenth	25
	_		S. & Dowels	i .	17	Sixteenth	9
Neck			Inanition		14	Seventeenth Eighteenth	8 15
- Fancreas			Intussusception	1		Nineteenth	21
Bectum	1		Jaundice	3		Twentieth	14
- Stomach	1		Locomotor Ataxia	-		Twenty-first Twenty-second	10 21
Casualties	7	2	Mania-a-potu	3		Twenty-third	8
Congestion of Brain		4	Marasmus		32	Twenty-fourth	11
" Kidneys			Neuralgia of the Heart	1		Twenty-fifth Twenty-sixth	24 18
" Lungs		2	Old Age			*Twenty-seventh.	23
Cholera Infantum		44	Paralysis			TI wenty-eighth	13
" Morbus	1		Pyæmia	1		Twenty-ninth	21
Cirrhosis of Liver	2		Purpura Hemorrhagica	1		Thirtieth Thirty-first	11 10
Consumption of Lungs	41	6	Rupture, Thor'cic Aorta.	1			
Convulsions	1	12	Softening of Brain	1		*Almshouse, 4. †Muni Hospital, 0.	rerber
Croup		8	Small-pox	2	1	•	
Cyanosis		1	Suicide, Hanging	1	l	Nothita ata	
Debility	2	3	" Poison	1		Nativity, etc.	
Diarrhœa	2	8	Syphilis		8		Ī
Diphtheria	1	26	Tabes Mesenterica		1	United States	823
Dropsy	3	1	Teething		1	Foreign	85
" Abdominal	1	ll	Tumor, Ovarian			Unknown	10
" of Brain		2	Ulceration of Stomach			People of Color	35
« Chest	1	ll	Unknown		1	From Almshouse	4
" Heart		2	Uræmia				
" Kidneys			Wounds, Gunshot		1		1
Disease of Heart	6	2		1		Males	225
" Kidneys	-		TOTALS	187	231	Females	193
" Lungs	ī			'	=	Boys	
Drowned	2	1				Girls	
Dysentery	_	4	Of the above there were		1 1		
Epilepsy		i				Premature Birth	ı.
Enlargement of Heart			Under 1 year From 1 to 2	•••••	121 82	- Tromacuro Birdi	
Fatty Degen. of Heart	4		" 2 to 5	· · · · · · · ·	40	Males	2
Fever, Malarial		1	" 5 to 10		15	Females	1
" Puerperal		i - 1	" 10 to 15		8	Total	3
" Remittent		·····	" 15 to 20 " 20 to 30		15 32	Total	
Tremittent			" 30 to 40		31	Still-Born.	
DOME TO U.S		3	" 40 to 50	•••••	29	Guil-Boril.	
z y phota	9	6	" 60 to 70	•••••	29 26	Males	12
Fracture of Skull		1	" 70 to 80	•••••	24	Females	5
Gangrene, Senile			" 80 to 90	•••••	12		
Heart Clot	•••••	1	" 90 to 100	•••••	4	Total	17
		·			<u>'</u>	1!	

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE WEEK ENDING SATURDAY, AUGUST 18, 1883.

CI VE	 	zi i	<u>- </u>	<u> </u>	d 6. 6. 6.	-	<u> </u>	- 	
STATE OF WEATHER.	A. M. 11.07 P.		Clear.	i	i	ن ن			
ATE OF W	M. 8.07 A		Clear.						•
3. T.	7.07 A.		Cloudy.	Cloudy.	Cloudy.	Cloudy. Cloudy.	Cloudy. Clear. Cloudy. Cloudy. Lt. Rain.	Cloudy. Cloudy. Cloudy. Lt. Rair	Cloudy. Clear. Cloudy. Cloudy. Lt. Rain Clear. Foggy.
Ğ	11.07 M. q	61	_	10					
OF WIND.	8.07 P. M.	•	_						H
- 0	70.7	-	=	4		H	<u> </u>	· + · · + · ·	
1	11.07 .Mq	z		≱					
DIRECTION OF WIND.	8.07 Mq	×	_	S.W.					
፯ 	70.7	z		S.W.	8.W.	8.W. N.	B.W. N.E.	N.E. N.E.	S.W. N.E. N.E. N.E. N.W.
H.	70.11 .M .A	8		97	2 2				
HUMIDITY.	.MT	67	_	74					
4 🛱	70.7 .M. A	2 2		8	8 %	8 % 8	8 % %	8 2 8 8	8 2 8 8 8
	.ar'atM	8		67					
E.	Max'm,		_	*					
Тневмометке.	Mean Daily Value.	78.0		75.7					
HEE	11.07 P. M.	72		73	5 5	8 2 3	62 66 70	69 69 69	69 69 76
Η	8.07 P. M. 9	8		8					
	7.07 M.A			8					
	Mean Daily Value.	29.97		28.98					
BAROMETER.	11.07 P. M.	29.95		30.03					
BAROL	8.07 P. M.	29.93		29.93	29.93 30.16	29.93 30.16 30.26	29.93 30.16 30.26 30.02	29.93 30.16 30.26 30.02 80.08	29.93 30.16 30.26 30.02 80.08
	7.07 A. M.	30.02	_	29.98	29.98	29.98 30.14 30.28	29.98 30.14 30.28	29.98 30.14 30.28 30.09	
Day.	ST.	12,		13,		. •			
Month and	1883. AUGUST.	Sunday,		Monday,	Monday, Tuesday,	Monday, Tuesday, Wed'sday,	Monday, Tuesday, Wed'sday,	Monday, Tuesday, Wed'sday Thursday	Monday, Tuesday, Wed'sday, Thursday, Friday, Saturday,

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

146 Week Ending Saturday, August 25, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	MINORS.	DRATHS IN EACH WARD.
Abscess of Brain	1		Infla'mat'n, S. & Bowels 8	18	First
▲leoholism	8		" Spleen	1	Second 17
Anemia	1		Inspition 1	17	Third 12 Fourth 12
Aneurism of Aorts	1		Intussusception 1		Fifth 10
" Femoral	1		Jaundice	1	Six1h 1
Apoplexy	8		Malformation	2	Seventh
Asthma	1		Marasmus	30	Eighth 12 Ninth 2
Bright's Disease	4		Messles	2	Tenth 9
Cancer of Breast	8		Old Age 14	- 1	Eleventh8
" Stomach	2		Paralysis 5	1	Twelfth 7 Thirteenth 5
" Uterus	2		Pyæmia 2	î	Fourteenth 13
Casualties	7	1	Rheumatism 1		Fifteenth 28
Cerebro-spinal Meningitis		2	Scrofula	1	Sixteenth 5 Seventeenth 7
	5	9		-	Eighteenth 11
Congestion of Brain		5	Septicemia 2		Nineteenth 22
" Lungs		50	Sore Mouth	1	Twentieth 16 Twenty-first 5
Cholera Infantum		30	Softening of Brain 1		Twenty-first 5 Twenty-second 10
Cirrhosis of Liver	1	7	Small-pox	1	Twenty-third 16
Consumption of Lungs	48		Suicide, Laudanum 1	••••••	Twenty-fourth 15
Convulsions	1	14	Ulceration of Bowels 1	•••••	Twenty-fifth 19 Twenty-sixth 25
" Puerperal	2	•••••	" Throat 1		*Twenty-seventh. 18
Croup		6	Urzemia 1		Twenty-eighth 12
Debility	4	8	TOTALS171	227	Twenty-ninth 22 Thirtieth 10
Diarrhœs	1		IVIALS	22.	Thirty-first 13
Diphtheria		21	· 		
Dropsy	2				*Almshouse, l. †Municipal Hospital 6.
" Abdominal	1				
" of Brain		1			
Disease of Heart	7	1	1		Nativity, etc.
" Hip		1			United States 321
" Lungs	1		•		Foreign 72
" Spine	1	•••••			Unknown
Drowned	2	1			People of Color 28
Dysentery	1	2			
Embolism Pulm. Artery	1				From Almshouse 1
Epilepsy	1				1 I
Enlargement of Heart					1
Fatty Degen, of Heart			Of the above there were:		Males 192
Fever, Malarial				121	Females 206
" Puerperal			From 1 to 2	40	Воув 109
" Scarlet	_	8	" 2 to 5	38	Girls
" Typhoid		5	" 5 to 10	14	
Hemorrhage, Bowels			" 10 to 15	9	Premature Birth.
		1	" 15 to 20	5	Tromatoro Dirtin
" Lungs		8	" 20 to 30	40	Males 8
Hooping-cough	I .	1	20 00 00	35	Females 8
Hypertrophy of Heart		1	00 W TV		
" Spleen			20 00 00	29	Total 6
Infla'mat'n, Brain		4	50 to 60	18	Still-Born.
Drought		6	00 10 70	21	Still-Dom.
" LMFYHX		1	70 00 00,	15	Males 10
" Lungs	8	2	00 10 30	10	Females 4
" Peritoneum.	-		" 90 to 100	2	
" Pleura	•••••	1	" 100 to 110	1	Total 14
	١.		1		l l

METROROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

WEEK ENDING SATURDAY, AUGUST 25, 1883.

RAIN.	ij	51.	8	8	8.	8	8	8	31.
THER.	11.07 P. M.	Clear.	Clear.	Clear.	Clear.	Clear.	Clear.	Clear.	
STATE OF WEATHER.	8.07 P. M. 11.07 P. M.	Fadr.	Fadr.	Clear.	Clear.	Clear.	Clear.	Clear.	
STAT	7.67 A. M.	Fair.	Fadr.	Clear.	Clear,	Clear.	Clear.	Clear.	
ž.e	11.07 P. M.	4	10	4	81	•	9	••	
VELOCITY OF WIND.	8.07 P. M.	-	2		91	Φ.	2	•	
O A	70.7 .MA	•	. 01	6	69	81	4	=	
a o	11.07 .MT	8.W.	8.W.	S.W.	ಹ	αđ	z	₩.	
DIRECTION WIND.	8.07 F. M.	8.W.	S.W.		S.W.	8.W.	N.W.	N.W.	
DIR	70.7 .M .A	ß.W.	8.₩	N.W.	ත්	sci	z	zi.	
E E	11.07 .Mq.	26	91	26	26	8	82	82	
RELATIVE HUMIDITY.	8.07 P. M.	88	22	33	2	2	. 67	82	
RE	70.7 70.7	.6	8	28	8	\$	8	\$	₩ .
	.m.atM	12	2	92	r	2	11	8	# 1
gi	Max'm.	88	33	87	23.	8	8	82	
THERMOMETER.	Mean Daily Value,	75.0	80.5	79.8	79.3	79.3	74,0	70.4	76.6
EE	11.07 P. M.	74	79	75	22	11	8	٤	
E	8.07 P. M.	78	8	8	88	28	8	12	
·	70.7	- 22	22	25	72	12	73	2	
	Mean Daily Value.	29 .98	29.98	30,00	30.06	29.95	29.99	39.02	29.99
ISTER.	11.07 P. M.	29.97	29.90	80.08	30.02	29.92	30.01	30.05	
BAROMETER.	3.07 P. M.	29.97	8 2.90	87.83	% 70.08	28.92	29.96	30.02	
	7.07 A. M.	30.01	29.99	29.98	30.11	30.02	30.00	30.08	
Month and Day.	1883. A UGUST.	Sunday, 19,	Monday, 20,	Tuesday, 21,	Wed'sday, 22,	Thursday, 28,	Friday, 24,	Saturday, 25,	Means

The surface of the mercury in the eistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

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Week Ending Saturday, September 1, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUS	ES (OF DEATH.	ADULTS.	MINOBS.	DEATHS IN EAC	H
Abscess of Lung	2		Hemor	rha	ge, Uterus	2		First	28 20
Alcoholism	2				ugh		6	Second	20
Anæmia	1				hy of Heart	1		ThirdFourth	10 14
Aneurism of Aorta	1			-	Brain		10	Fifth	16
Apoplexy	8		"		Bronchi	1	1	Sixth	3
Asphyxia		1	u		Kidneys	1		Seventh Eighth	15 5
Asthma	1		4		Larynx	_	1	Ninth	8
Bright's Disease	5	l	- 4		Lungs	2	2	Tenth	11
Burns and Scalds	1		4		Pericardium	1		Eleventh	10
Cancer of Bowels	1		4		Peritoneum.	8		Thirteenth	1 %
" Liver	2				S. & Bowels	8	10	Fourteenth	5
" Rectum	1		"		Uterus	1	10	Fifteenth	15
4 Stomach	2		Inaniti	on		•	9	Seventeenth	7 9
" Tongue	l ī				otion	2	1	Eighteenth	11
" Uterus	8						34	Nineteenth	17
# Submax. Gland.	ı				of the Heart	2		Twentieth Twenty-first	19 5
Casualties	5	1				13	•••••	Twenty-second	12
Congestion of Brain	4	5			***************************************		•••••	Twenty-third	6
	_	1				6	1	Twenty-fourth	22 21
" Lungs		2	romon.		Carbolic Acid.	1		Twenty-fifth Twenty-sixth	14
Chicken Pox		33	1		Morphia		1	"I wenty-seventh.	29
Cholera Infantum	1	00			***************************************	2	1	Twenty-eighth	16 18
- Diorous	2				m	1	•••••	Twenty-ninth Thirtieth	111
Cirrhosis of Liver	_		Septica	emia		1		Thirty-first	15
Consumption of Lungs	44	5			h		1	#Almshouse, 2. †Wwn	icinal
Convulsions	1	8			•••••••		8	*Almshouse, 2. †Muni Hospital, 0.	
Croup	•••••	11			nging				
Cyanosis	•••••	2			***************************************		1	Nativity, etc.	
Degeneration of Kidneys	1				enterica		1		
Debility	4	1	Tumor		dominal			United States	286
Diabetes	2		-		erus			Foreign	84
Diarrhœa	4	2			of Stomach	1	l	Unknown	11
Diphtheria	1	20	Ursemi	s			1	People of Color	17
Dropsy		•••••		Ton	TALS		191	From Almshouse	1,
" of Brain		2		10	A40	150	191	r rom Amishouse	2
" Heart	8				•			1	1
" Lungs		1	1						1
Disease of Heart	7	1	İ		•		1 1	Males	178
" Uterus	1		Off	he a	bove there were	1	, ,	Females	203
Drowned	8		Under	1 ye	ar	•••••	98	Boys	92
Dysentery	2		From	1 to	2	•••••	41	Girls	99
Epilepsy	 	1	4	2 to	5		25		
Erysipelas	2		4	5 to	10		17	Premature Birth	١.
Enlargement of Heart	1				15		2		
Fever, Malarial	4	ll	" 1	5 to	20		8	Males	4
" Remittent	l	1			30		86	Females	8
" Scarlet	1	9			40		86	Total	7
" Typhoid	10	1			50		88		<u> </u>
Gangrene	ĭ				60		82	Stili-Born.	
" of Legs	ī			0 to	70		18		
Heart Clot	i				80		25	Males	10
	2				90		9	Females	11
Hemorrhage Linnes									,
Hemorrhage, Lungs "Stomach	2		" 9		100		1	Total	21

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

	, 1883.
	٠
1	SEPTEMBER
	SATURDAY,
	Ending
	Week

HERE.	M. 3.07 A. M. 11.07 P. M. In.		Clear, .00			Clear. Cloudy. Cloudy.	Clear. Cloudy. Cloudy. Cloudy.	Clear. Cloudy. Cloudy. Clear.	Clear. Cloudy. Cloudy. Clear. Clear.	Clear. Cloudy. Cloudy. Clear. Clear.
STATE OF WRATHER.	. 3.07 A. M	Fadr.		Clear.	Clear.	Clear.	Clear. Cloudy. Fair.	Clear. Cloudy. Fair.	Clear. Cloudy. Fair. Fair. Clear.	Clear. Clear. Cloudy. Fair. Fair. Clear.
BTA	7.07 A.	Clear.		Clear.	Clear.	Clear.	Clear. Clear. Cloudy.	Clear. Cloudy. Cloudy. Fatr.	Clear. Cloudy. Cloudy. Fatr. Clear.	Clear. Cloudy. Cloudy. Fatr. Clear.
Eë.	11.07 P. M.	7		-	 9	e re	, a a u	-	-	
VELOCITY OF WIND.	8.07 P. M.	٠.	*	_	**		o o o			
6 4	70.7 .M .A	7	2		~	- 151	10 15 7	, ii 0i 4	, ii 0i 4 4	r 81 01 4 4
# O #	11.07 P. M.	z	터 60		z E				 	
DIRECTION WIND.	8.07 P. M.	N.W.	덕		텨	력 X	R R R	H. H. H. H. H. H. H. H. H. H. H. H. H. H	* * * * * *	# K K K K K
E C	70.7 .M. A	N.W.	zi		Z.	2	z z z z z z	N N E	* * * * * *	N N N N N N N N N N N N N N N N N N N
YW.	11.07 P. M.	88	22		9	90 91	100 100	100 100 184 18	100 100 100 100 100 100 100 100 100 100	100 100 28 28 88
RELATIVE HUMIDITY.	8.07 P. M.	67	8		8	8 8	8 8 8	8 8 2	8 8 2 2 8	8 8 2 8
HE	70.7 .M.A	82	86	_	83	8 3	96 81	88 88	8 8 8 8	8 8 2 3
	Min'm.	2	82		22	62	8 2 2	62 63	62 63 65	62 63 63
e	.m'xsM	81	75	_	76	72	35 T2 E5	85 27 85 87 88 84 84 84 84 84 84 84 84 84 84 84 84	85 T T 85 EF	72 73 87 87 87
Thermometer.	Mean Daily Value.	72.8	67.0		67.5	67.5	67.5 66.7 67.5	67.5 66.7 67.5	67.5 66.7 67.5 69.5	67.5 66.7 69.8 70.0
HERM	11.07 P. M.	11	38	8	}	19	67	67 69	69 64	62 64 65
F	8.07 M. · T	8	74	92		r	2 2	1 2 2	2	2 2 2 2
	70.7 .M .A	8	8	19		. B	. a a	. 2 2 2	. 2	3 3 2 4
	Mean Daily Value.	30.17	30.24	30.07		29.91	29.91	29.91 30.06	29.91 30.06	29.91 80.06 80.15
BAROMETER.	11.07 P.M.	30.12	30.25	29.98		29.97	29.97	29.97 30.10	29.97 30.10 30.21 30.15	30.10
BAROI	3.07 P. M.	30.08	30.21	30.05		8.88 8.88	29.86 30.06	29.86 30.06 30.17		
	7.07 A. M.	30.07	30.25	30.20		29.90	29.90	29.90 30.01 30.17	29.90 30.01 30.24	29.90 30.01 30.17
Month and Day.	1883. August.	Sunday, 26,	Monday, 27,	Tuesday, 28,		Wed'sday, 29,	Wed'sday, 29, Thursday, 30,	Wed'sday, 29, Thursday, 30, Friday, 31,	Wed'sday, 29, Thursday, 30, Friday, 31, SEFTEMBER. Saturday, 1,	

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

150 Week Ending Saturday, September 8, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	MINORS.	DEATHS IN EACH WARD.
Alcoholism	2		Infla'mat'n, Lungs 8	4	First 18
Apoplexy	Į	l	" Pericardium 1	1 -	Second 11
Asthma		1	" Peritoneum. 2		Third 9 Fourth 14
Bright's Disease	5	1	" S. & Bowels 5		Fifth 10
Burns and Scalds		2	Inanition 1		Six:h 5
Cancer of Breast	8	l	Mania-a-Potu 1		Seventh 18
" Stomach	3		Marasmus 1		Eighth 8 Ninth 6
" Thyroid, Gland	i		Measles	. 2	Tenth 9
" Uterus	2		Murder 2		Eleventh 6
Casualties	4	2	Old Age 18		Twelfth 3 Thirteenth 8
Cerebro-spinal Meningitis	1	1	Paralysis		Fourteenth 12
Congestion of Brain		4	Pyæmia 2		Fifteenth 16
		4		1 -	Sixteenth 12 Seventeenth 13
" Lungs Cholera Infantum	_	22	Scrofula	1	Eighteenth 15
Cirrhosis of Liver	2		Septicæmia 1		Nineteenth 20
		2	Sore Mouth	1 1	Twentieth 19 Twenty-first 12
Consumption of Lungs	1	10	Softening of Brain 2	1	Twenty-first 12 Twenty-second 12
Convulsions	i	10	Small-pox		Twenty-third 11
" Puerperal	_	7	Suicide, Cutting Throat 1		Twenty-fourth 16
Croup			" Laudanum 2		Twenty-fifth 18 Twenty-sixth 17
Cyanosis		1	Syphilis		Twenty-sixth 17 *Twenty-seventh 16
Debility		5	Tabes Mesenterica	1	Twenty-eighth 13
Diabetes	1		Tetanus 1		Twenty-ninth 26 Thirtieth 7
Diarrhœa	1	1	Trismus Nascentium	. 1	Thirty-first 14
Diphtheria		28	Tumor, Ovarian 2		
Dropsy, of Brain		8	Ulceration of Bowels 8	·	*Almshouse, 4. †Municipal Hospital 0.
Disease of Heart		2	Unknown	. 2	
Drowned	3	1	Uræmia 2	1	Madalata, as
Dysentery		1	Mo=	-	Nativity, etc.
Effusion of Brain		1	TOTALS	209	United States 811
Embolism of Brain	1		· · · · · · · · · · · · · · · · · · ·		Foreign 74
Epilepsy	1	 		1	Unknown 4
Erysipelas	3	1		1	People of Color 26
Fatty Degen. of Heart	1				From Almshouse 4
Fever, Malarial	1			1	From Amisique
" Puerperal	1	l		1 .	
" Remittent				1 .	1
" Scarlet		17		1 1	Males 223
" Typhoid	9	8	Of the above there were:	1 .1	Females 167
Fracture of Thigh	1		Under 1 year	99	Boys 184
Gangrene			From 1 to 2		Girls
Hemorrhage, Bowels	1		" 2 to 5		GIII I
" Lungs	l		" 5 to 10		Premature Birth.
* Stomach	_		" 10 to 15		
Hernia, Strangulated	ı		" 15 to 20		Males 1
		3	" 20 to 30		Females 3
		1 "	" 30 to 40		Total 4
Hooping-cough		1 1	·· 00 to 40		
Hooping-cough Hypertrophy of Heart	ļ	1 19			Total 4
Hooping-cough Hypertrophy of Heart Infla'mat'n, Brain	1	13	" 40 to 50	. 88	
Hooping-cough	1	1 1	" 40 to 50 " 50 to 60	. 38 . 27	Still-Born.
Hooping-cough	1	13 1 	" 40 to 50 " 50 to 60 " 60 to 70	88 27 20	
Hooping-cough Hypertrophy of Heart Infla'mat'n, Brain Bronchi Bladder Kidneys	1	13 1 	" 40 to 50 " 50 to 60 " 60 to 70 " 70 to 80	88 27 20 16	Still-Born. Males 16
Hooping-cough	1	13 1 	" 40 to 50 " 50 to 60 " 60 to 70	88 27 20 16	Still-Born. Males 16

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, SEPTEMBER 8, 1883. DURING THE

RAIN.	ij	3.	8	8	8	8	8	8	1 9
THER.	8.07 P.M. 11.07 P.M.	Sprink!'g	Clear.	Clear.	Clear.	Clear.	Clear.	Cloudy.	
STATE OF WEATHER		Cloudy.	Clear.	Clear.	Clear.	Clear.	Clear.	Fadr.	
STAT	7.07 A. M.	Clear.	Cloudy.	Clear.	Cloudy.	Clear.	Clear.	Fair.	
18	11.07 P. M.	ю	••	٠	a 0	=	*	8	
VELOCITY OF WIND.	3.07 P. M.	.	14	00	7	49	7	2	
76	70.7 .M. A	4	12	•	**	*	-	.	
a 0 2	11.07 M. A	ත්	zi	ග්	zi	zi	S.W.	N.W.	
DIRECTION OF WIND.	3.07 P. M.	8.W.	N.W.	B.W.	N.W.	N.W.	S.W.	od .	
DOS	70.7 .MA	S.W.	N.W.	z.	S.W.	z	σį	S.W.	
VE TY.	11.07 P. M.	91	8	88	78	8	33	8	
RELATIVE HUMIDITY.	8.07 P. M.	22	8	8	8	8	25	8	
RE	70.7 .M. A	8	\$	8	26	28	8	8	
	Min'm.	38	28	器	5	22	22	8	
#	Max'm.	8	2	7.	74	12	92	8	
THERMOMETER.	Mean Daily Value.	69.2	64.3	64.2	66.5	63.3	66.2	88.3	66.0
HER	11.07 .MT	8	28	2	61	19	፯	8	
T	8.07 P. M.	74	8	78	72	20	75	81	
	70.7 M.A	- 18	8	128	*	8	28	3 .	
	Mean Daily Value.	29.99	30.07	30.11	80.08	30.17	30.01	30.00	80.06
BAROMETER.	11.07 P. M.	29.90	30.19	30.01	30.22	30.10	30.00	30.11	
Ваво	8.07 P. M.	29.98	30.06	30.09	30.07	30.13	29.97	28:92	
	7.07 A. M.	30.10	29.96	30.23	29.99	30.28	30.07	29.98	
Day.	ER.	લ	တ်	4	,	6	7,	æ,	
Month and Day.	1883. SEPTEMBER	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometar is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

152 Week Ending Saturday, September 15, 1883.

CAUSES OF DEATH.	ADULTS	MINORS	CAUSES OF DEATH.	ADULTS	MINORS	DEATHS IN EACH WARD.
Abscess of Brain	1		Infla'mat'n, Bronchi	1	4	First 19
" Liver	1		" Kidneys		2	Second
" Lungs	1	1	" Lungs	7	7	Third 10
" Spine	1		" Pericardium	2	1	Fifth 18
Alcoholism	2		" Peritoneum.	2		Olxin
Apoplexy	6		" S. & Bowels	2	15	Seventh 12 Eighth 11
Bright's Disease	2	1	Insanity	1		Ninth
ancer, Diffused			Inanition		9	Tenth
" of Breast	1		Jaundice		1	Eleventh
" Face	1		Marasmus		32	Thirteenth
" Rectum			Murder	1		Fourteenth 10
" Uterus	100		Neuralgia of Stomach			Fifteenth
asualties	13	1	Old Age	100	255557	Sixteenth
	557	4	Ossification of Heart			Eighteenth 1
erebro-spinal Meningitis		2			*****	Nineteenth 20
ongestion of Brain	11/07	100	Paralysis			Twentieth 10
" Lungs		2	Pyæmia			Twenty-first Twenty-second 1
holers Infantum		18	Rheumatism of Heart			Twenty-third 11
Arrhosis of Liver			Shock			Twenty-fourth 21
Collapse of Lungs		1	Sore Mouth		1	Twenty-fifth 22 Twenty-sixth 19
Consumption of Bowels	1		Softening of Brain	1		*Twenty-seventh.
" Lungs	43	10	Small-pox	1	1	Twenty-eighth
Convulsions		13	Spina Bifida		1	I wenty-ninth
Proup		7	Suicide, Shooting	1		Thirty-first
Cyanosis		1	Syphilis			
Debility		8	Tabes Mesenterica		1	*Almshouse, 0. †Municipa Hospital, 0.
Diarrhœa		1	Tetanus			and promise of
Diphtheria		19	" Neonatorum		2	40.00
Dropsy	_	ll	Uræmia			Nativity, etc.
" Abdominal						
" of Brain		2	TOTALS	174	187	United States 270
" Chest		1		_	=	Foreign 70
" Heart		i				Unknown 18
		l i l				People of Color 2
rangs	_	i				i -
Disease of Heart		1				ll I
LAVer	2					}
Drowned	5	1			i	
Dysentery					i	Males 186
Effusion of Brain		1	Of the above there were	1		Females 175
Erysipelas	1		Under 1 year		84	Boys 9-
Fatty Degen. of Heart	1		From 1 to 2		87	Girls 9
Fever, Malarial	1		" 2 to 5		27	
" Puerperal	1	 	" 5 to 10		22	Premature Birth.
" Remittent	1	ll	" 10 to 15		4	I
" Scarlet	1	9	" 15 to 20		18	Males
" Typhoid	7	3	" 20 to 30		45	Females
	i	1 1	" 30 to 40		32	(Feder)
Constant of Thick	_		00 to 20			Total
			40 00 00		30	
Jangrene	8					C4 Dam
langrene Hemorrhage, Bowels	2		" 50 to 60		20	Still-Born.
Fangrene Hemorrhage, Bowels " Lungs	2		" 60 to 70		15	
Hydrophobia	2 1		" 60 to 70 " 70 to 80			Males 10
Gangrene Hemorrhage, Bowels " Lungs	2		" 60 to 70	 	15	

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE WEEK ENDING SATURDAY, SEPTEMBER 15, 1883.

RAIN.	ij	8	8	ĸ	2.	ਸ਼	8	8	1.19
THER.	11.07 P. M.	Clear.	Clear.	Cloudy.	Lt. Rain.	Cloudy.	Cloudy.	Clear.	
State of Weather.	8.07 A. M.	Clear.	Fatr.	Sprinkl'g Cloudy.	Sprinkl'g Lt. Rain.	Cloudy.	Cloudy.	Clear,	
Brai	7.07 A. M.	Clear.	Clear.	Cloudy.	Cloudy.	Cloudy.	Foggy.	Cloudy.	
ř.e	11.07 P. M.	41	•	18	13		69	4	
VELOCITY OF WIND.	8.07 P. M.	57	~	9 .	ន	•	••	•	
58	70.7 M .A	13	^	4	8	10	~	. 🐽	<u> </u>
f 0F	11.07 M. A	zi	N.E.	Z E	Z.	S.W.	S. W.	M.W.	
DIRECTION WIND.	8.07 P. M.	zi	ᆆ	Z.	N.E.	8.W.	8.W.	N.W.	
E P	70.7 .MA	N.W.	z Ei	Z.	Z.	र्ख ख	ත්	z	
E E	11.07 P. M.	26	8	92	8	8	26	8	
RELATIVE HUMIDITY.	8.07 P. M.	33	8	81	90	88	82	74	
盟日	70.7	88	8	8	8	901	100	8	
	Min'm.	84	4	19	12	3	49	67	
ė	Max'm,	8	8	፯	62	92	81	62	
Тневмометев	Mean Daily Value,	7.99	56.5	87.2	59.5	67.7	74.0	73.0	63.5
HER	11.07 P. M.	2	8	8	62	8	74	7	
ä	8.07 P. M.	8	8	8	8	3	8	2	
	70.7 .M.A	*	3	\$	28	8	8	8	
	Mean Daily Value.	30.31	30.39	30.23	30.04	30.04	80.13	80.18	30.18
BAROMETER.	11.07 P. M.	30.38	30.35	30.16	29.97	30.11	30,14	30.11	
BARO	8.07 P. M.	30.28	30.36	30.22	30.04	30.08	30.10	30.11	
	7.07 A. M.	30.26	80.47	30.31	30.11	80.00	30.15	30.19	
Month and Day.	1883. SEPTEMBER.	Sunday, 9,	Monday, 10,	Tuesday, 11,	Wed'sday, 12,	Thursday, 13,	Friday, 14,	Saturday, 15,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

154 Week Ending Saturday, September 22, 1883.

CAUSES OF DEATH.	ADULTS	MINORS	CAUSES OF DEATH.
Abscess of Brain	1		Infla'mat'n, Liver 1 First
" Lungs	2		" Lungs 8 9 Second 13
Alcoholism	1		4 Peritoneum. 8 1 Third
Apoplexy	5		" Pleura 1 Fifth 14
Asphyxia		1	u S. A. Rowels 2 5 Sixth 5
Bright's Disease	4	1	Insuition 12 Seventh 11 Eighth 6
Burns and Scalds	2		Intussusception 1 Ninth 7
Cancer of Leg	1		Taundice 1 1 Tenth 6
" Stomach	3		Locomotor Ataxia
" Uterus	2	 	Marasmus 24 Thirteenth 8
Caries of Vertebra	1		Macelon 9 Fourteenth 6
Casualties	2	3	FILESHELL
Cerebro-spinal Meningitis		1	Old Age
Congestion of Brain	3	2	Obstruction of Borrole 1 Eighteenth 19
" Liver	1		Nineteenth 15
" Lungs	4	4	Paralysis
Cholera Infantum	_	6	
" Morbus		l il	Twenty-third 14
	1	۱ ۱	Softening of Brain
Cirrhosis of Liver	57	6	T
Consumption of Lungs	1	16	Twenty-seventh, 17
Convulsions		5	Sneoting 1 Twenty-eighth 11
Croup			Tetanus
Cyanosis		2	Thirty-nrst 16
Debility	4	8	
Degeneration of Liver	1	······	Ulceration of Colon 1 *Almshouse, 1. †Municipal Hospital 0.
Diarrhœa	1		Unknown 1
Diphtheria	•••••	18	Urmmia 2
Dropsy	1	2	TOTALS
" of Brain		1	TOTALS
" Heart	2		Foreign
Disease of Heart	7	1	Unknown 18
" Hip		1	People of Color 18
" Liver	1		From Almshouse 1
Drowned	3		From Atmistouse 1
Dysentery	l	1	! 1
Dyspepsia		1	
Epilepsy	1	1	Males
Enlargement of Heart	2	J	Of the above there were: Females
Fatty Degen. of Kidney	2		Under 1 year 62 Boys 79
Fever, Malarial	2	2	From 1 to 2
" Remittent	_	ī	" 2 to 5
" Scarlet	-	8	" 5 to 10
" Typhoid		6	" 10 to 15
Heart Clot		1	
Hemorrhage, Umbilical	•••••	1	To to 20 II Females 9
Hemorrasge, Umbnicai		*	20 10 00
Hernia	1	;	30 to 10 11 Total 4
		1	40 10 30
		6	30 to 40
Infla'mat'n, Brain	3	1 1	
Infla'mat'n, Brain "Bronchi	1		00 to /0
Infla'mat'n, Brain "Bronchi "Bladder	1		" 70 to 80
Droneni	1 1 1	1	00 to /0

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

WEEK ENDING SATURDAY, SEPTEMBER 22, 1883.

ВАІЙ.	별		п. 1.06	9:	8	8	8	8	11.6
THER.	11.07 P. M.	Hary.	Hy.Bain.	Clear.	Fadr.	Fair.	Cloudy.	Cloudy.	
STATE OF WEATHER.	8.07 P. M.	Clear,	Threat'g.	Fadr.	Fair.	Fair.	Clear.	Fair.	
Brati	7.07 A. M.	Clear.	Foggy.	Sprinkl'g	Clear.	Cloudy.	Fair.	Fair.	
F.G	11.07 P. M.	61	71	•	4	-	2	•	
VELOCITY OF WIND.	8.07 P. M.	4	φ.	81	~	-	۵	2	
F 6 €	70.7 .M .A	4	4	2	=	ю.	10	21	
#0 J	11.07 M .A	¥.	z	z E	N.E.	ri ri	zi	zi	
DIRECTION WIND.	8.07 P. M.	B.W.	ß.W.	z z	Z. E.	Z. E.	ᆆ	ᆆ	
Din	70.7 .MA	N.W.	`.	zi Z	Z.	zi	z	Z Z	
E F	11.07 P. M.	97	8	88	51	28	33	28	
RELATIVE HUMIDITY.	8.07 P. M.	8	88	3 8	£	22	9	62	
盟田	70.7 .M .A	8	8	8	8	8 2	18	8	
	.m'aiM	29	8	28	99	22	8	22	
g	Max'm.	8	8	67	- 22	4.	82	8	
Thermometer.	Mean Daily Value,	72.3	71.8	61.3	63.6	66.3	67.5	61.8	4.98
HEE	11.07 P. M.	72	3	8	19	8	8	8	
н	8.07 P. M.		22	8	11	73	11	67	
	70.7 .M .A	2	8	22	55	8	29	28	
	Mean Daily Value,	30.00	29.92	30.22	30.30	30.09	30.02	30.20	30.11
BAROMETER.	11.07 P. M.	29.95	30.02	80.38	30.28	86.68	30.12	30.23	
ВАКОВ	3.07 P. M.	29.97	29.85	30.21	30.30	30.05	29.97	30.20	
	7.07 A. M.	30.08	29.91	30.16	30.32	80.22	29.97	30.18	
Month and Day.	1883. SEPTEMBER.	Sunday, 16,	Monday, 17,	Tuesday, 18,	Wed'sday, 19,	Thursday, 20,	Friday, 21,	Saturday, 22,	Мевпѕ

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

156 Week Ending Saturday, September 29, 1888.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EAC WARD.	EI
Abscess of Brain	1		Infla'mat'n, Peritoneum.	2	. 1	First	21
# Lung	1		" S. & Bowels	1	6	Second	. 12
Aneurism of Aorta	1		" Tonsils	 	1	ThirdFourth	5 15
Alcoholism	1		Insuition		8	Fifth	7
Apoplexy	6		Laryngismus Stridulus		1	Sixth	1 18
Bright's Disease	2	8	Malformation		1	Seventh Eighth	13 8
Burns and Scalds		1	Marasmus		27	Ninth	4
Cancer of Breast	1		Neuralgia of Heart			Tenth	11
" Larynx	1		Old Age			Eleventh	5 6
* Mesentery			Obstruction of Bowels			Twelfth Thirteenth	7
# Stomach	_		Paralysis		1	Fourteenth	8
" Thigh	ī		Pyæmia		- 1	Fifteenth	15
Caries of the Femur	i	1 1	Quinsy			Sixteenth	8 5
	2	8	Rheumatism			Eighteenth	11
Casualties	1	4			1	Nineteenth	14
Congestion of Brain	1	li	Septicemia		1	Twentieth	17 13
Aluneys			Softening of Brain			Twenty-first Twenty-second	16
Lungs		8	Small-pox		2	Twenty-third	4
Cholera Infantum		10	Spina Bifida		1	Twenty-fourth	20
Cirrhosis of Liver	4	•••••	Suicide, Phosphorus			Twenty-fifth	20 18
Consumption of Lungs		7	Ulceration of Rectum	ļ	1	Twenty-sixth *Twenty-seventh.	- 19
Convulsions	2	16	TOTALS	159	171	Twenty-eighth	12
" Puerperal	1		AVIALE	100	171	Twenty-ninth Thirtieth	12
Croup		4				Thirtieth	11
Cyanosis	 	2					
Debility		2				*Almshouse, 0. †Muni Hospital, 9.	cipal
Diabetes	1					,	
Diarrhœs		2					
Diphtheria		15				Nativity, etc.	
Dropsy of Chest							_
Disease of Heart		1			1 1	United States	251
# Hip		1				Foreign	70
Drowned		ī				Unknown	8
Dysentery	_	•				People of Color	14
Effusion of Brain		1					
		i				ł	
Embolism of Brain		1]	
Epilepsy		1					
Enlargement of Heart	1	*				Males	164
Liver	_		0644			Females	160
Fatty Degen. of Heart			Of the above there were			Boys	90
Fever, Brain		1	Under 1 year		74	Girls	81
MRIELIEI	1	1	From 1 to 2		23		
" Scarlet		11	" 2 to 5		32	Premature Birth	•
" Typhoid		7	" 5 to 10		22	Males	3
Gout			" 10 to 15		7	Females	2
Hemorrhage, Lungs			" 15 to 20		13	l	
Hypertrophy of Heart			" 20 to 80		33	Total	5
Infla'mat'n, Brain		8	" 80 to 40		15	l	
" Bronchi	2	8	" 40 to 50		22	Still-Born.	
" Kidneys	1	2	" 50 to 60		17	76-20	
" Larynx		1	" 60 to 70		27	Males	14
" Liver	ı	1	4 70 to 80		27	Females	7
		ı t					
" Lungs	6	5	" 80 to 90		12	Total	21

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

WEEK ENDING SATURDAY, SEPTEMBER 29, 1883.

RAIK.	ig.	S.	1.19	8.	S.	8.	8	8.	3
THER.	M. 11.07 P. M.	Cloudy.	Clearing.	Clear.	Clear.	Fair.	Cloudy.	Cloudy.	
STATE OF WEATHER.	M. 8.07 A. M.	Cloudy.	Sprinkl'g Lt. Rain.	Clear.	Gear.	Clear.	Clear.	Cloudy.	
BLAT	7.07 A. M.	Cloudy.	Sprinkl'g	Clear.	Clear.	Fair.	Foggy.	Cloudy.	
Fe	11.07 P. M.	9	#	9	*	4	2	89	
VELOCITY OF WIND.	8.07 P. M.	é	9	81	Ħ	91	φ	ဖ	
₽ 6	70.7 .MA	-	-	99	9	64	61	~	
4 OF	11.07 P. M.	Z. E.	S.W.	N.W.	*	න්	zi	त्रं इ	
DIRECTION O WIND.	8.07 P. M.	Z.	छ इं	₩.	N.W.	88. W	₩.	ᆆ	
ΩΩ	70.7 .MA	N.E	Z. E.	S.W.	N.W.	B.W.	S.W.	Z.	
YE FY.	11.07 P. M.	8	86	78	*	8	82	8	
RELATIVE HUMIDITY.	8.07 P. M.	2	용	8	8	굻	82	25	
報報	70.7	84	8	2	8	8	8	8	
	Min'm.	29	5	8	3	8	19		
g	.m'xsM	8	8	. 2	8	8	4	2	
THERMOMETER.	Mean Daily Value.	61.5	2	62.2	64.9	60.7	8.58	88.2	818
HEE	11.07 P. M.	8	2	8	22	. 8	5	19	
1	8.07 P. M.	2	67	2	3	- 62	2	8	
	7.07 M. A.	8	2	22	8	20	3	2	
	Mean Daily Value.	30.14	20.72	29.78	30.15	30.11	30.07	80.13	30.01
BAROMETER.	11.07 P.M.	80.08	29,59	29.95	80.21	80.02	80.11	80.04	
BAROI	3.07 P. M.	30.13	29.65	29.73	30.12	80.08	30.04	30.14	
	7.07 A. M.	30.20	29.92	29.68	80.12	30.23	90'08	30.22	
Day.	BER.	ឌ	7,7	ส์	a,	27,	×,	8	
Month and	1883. SEPTEMBER	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is \$2.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

WEEK ENDING SATURDAY, OCTOBER 6, 1883.

CAUSES OF DEATH.	ADULTS	MINORS	CAUSES OF DEATH.	ADULTS	MINORS	DEATHS IN RACE WARD.	I
Abscess of Liver	1		Hemorrhage, Lungs	1		First	21
Aneurism of Aorts	2		" Uterus	1		Second	12
Alcoholism	1		Hooping-cough		1	Third	16
Apoplexy	9		Hypertrophy of Heart		1	Fifth	14 8 5 7 2 2 10 .7
Asthma	1		Infla'mat'n, Brain		4	Sixth	5
Bright's Disease	8	1	" Bronchi		8	Seventh Eighth	7
Burns and Scalds	1		" Bladder			Ninth	2
Cancer of Breast	2	 	" Kidneys		1	Tenth	10
" Bladder		 	" Heart			Eleventh	.7
" Liver	2		" Liver			Thirteenth	e
" Pelvis	1		" Lungs	7	2	Fourteenth	12
" Pylorus	1		" Peritoneum.			Fifteenth	11
" Rectum	1		" S. & Bowels		4	Seventeenth	6
4 Stomach	2		" Uterus	1	ī	Eighteenth	18
" Tongue			Inanition	1 1	9	Nineteenth	21
" Uterus			Intussusception		1	Twentieth Twenty-first	16
Casualties	6	1	Malformation		2	Twenty-second	14
Cerebro-spinal Meningitis	-	l	Marasmus		19	Twenty-third	6
Congestion of Brain	,	8	Neuralgia of the Heart			Twenty-fourth Twenty-fifth	18 17
" Lungs	1 -					Twenty-givth	- 9
Cholera Infantum	_	5	Old Age			Twenty-seventh. Twenty-eighth Twenty-ninth Thirtieth	12
Cirrhosis of Liver			Paralysis			Twenty-eighth	15 22
Cencussion of Brain			Purpura Hemorrhagica		1	Thirtieth	15
	i	1	Septicæmia			Thirty-first	7
Consumption of Bowels		8	Sore Mouth		1	*Almshouse, 0. †Munic Hospital 0.	inal
" Lungs	1	12	Softening of Brain		•••••	Hospital 0.	
Convulsions		12	Stricture of Œsophagus		•••••		
Croup		3	Suicide, Paris Green	1 1		Nativity, etc.	
Cyanosis		1 1	Syphilis			1	
Degeneration of Kidney			Teething		1	United States	288
Debility		2	Tumor of Neck		•••••	Foreign	81
Diabetes	1		Uræmia	1	•••••	Unknown	5
Diarrhœa		1	TOTALS	187	182	People of Color	12
Diphtheria		16	201223	<u> </u>	_		
Dropsy		3					
" Abdominal	1					1	
" of Brain		1					
" Chest					· i		150
" Heart			Of the above there were	1		Females	169
Disease of Heart	1	2	Under 1 year		56	Boys	66
" Stomach	1	1	From 1 to 2		28	Girls	66
Drowned			" 2 to 5		28	<u>-</u>	
Epilepsy	2		" 5 to 10		11	Premature Birth.	
Enlargement of Heart	2		" 10 to 15	•••••	3	Males	_
" Prostate	1		" 15 to 20		6		6
Fatty Degen. of Heart	2		" 20 to 30		33	Females	2
Fever, Catarrhal		1	" 30 to 40		36	Total	8
" Malarial		1	" 40 to 50		28		
" Puerperal			" 50 to 60		31	Still-Born.	
" Scarlet		5	" 60 to 70		22		
" Typhoid		2	" 70 to 80		24	Males	11
Fracture of Thigh		-	" 80 to 90		11	Females	5
Hemorrhage, Bowels	1		" 90 to 100		2	Total	16

METROROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE WERK ENDING SATURDAY, OCTOBER 6, 1883.

BAIN.	셤	8é	8	8 .	S.	,8	8	8 .	13
THER.	3.07 P. M. 11.07 P. M.	Lt. Bain.	Cloudy.	Clear.	Clear.	Hasy.	Clear.	Lt. Rain.	
STATE OF WEATHER.	3.07 P. M.	Fair.	Clear.	Cloudy.	Clear.	Clear.	Clear:	Lt. Rain.	
STAT	7.07 A. M.	Cloudy.	Cloudy.	Lt. Rain.	Clear.	Clear.	Clear.	Clear.	
E e	11.07 P. M.	•	40	60	=	89	•	•	
VELOCITY OF WIND.	8.07 P. M.	10	. 10	91	23	9	80	4	
ž ô	70.7 .MA.	ю	8	10	-	o o	-	9	
0.	11.07 P. M.	n, e.	3 3 3	N.W.	N.W.	zi	Calm.	N.E	
DIRECTION (WIND.	8.07 P. M.	₩.	N.W.	8.W.	≱	N.W.	N.W.	며	
Din	70.T .M .A	8.W.	z E	财	N.W.	N.W.	z	E	
YE.	11.07 .MT	\$	8	8	8	11	28	8	
RELATIVE HUMIDITY.	8.07 P. M.	8	8	25	8	8	8	15	
HCH	70.7 M.A	8	2	. 8	*	8	22	25	1
	Min'm.	28	8	2	21	\$	\$	\$	
gi	Max'm.	92	19	78	8	8	28	. 62	
THERMOMETER.	Mean Daily Value.	0.09	- 56.6	61.7	57.2	49.5	46.8	8.8	85.58
HEB)	11.07 P. M.	6	18	18	\$	*	8	28	
Ä	3.07 .MT	15	8	72	8	128	18	28	
	70.7 M.A	8	8	8	22	4	1	3	<u> </u>
	Mean Daily Value.	29.86	39.95	29.70	30.08	30,33	80.87	30.	30.09
BAROMETER.	11.07 P. M.	29.86	29,95	29.90	30.20	30.85	80.40	30. 77.	
BARON	3.07 P. M.	29.82	29.94	29.48	29.99	30.30	30.33	30.34	
	7.07 A. M.	29.88	29.95	29.73	30.05	30.35	30.37	30,41	
Day.	ER.	Š	냭 -	61	æ	4	ν,	٠,	
Month and	1883. SEPTEMBER.	Sunday,	OCTOBER. Monday, 1	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Means

The surface of the mercary in the cistern of Bavometer is \$2.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

160 Week Ending Saturday, October 13, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EAC WARD.	THE .
Abscess of Liver	l	1	Infla'mat'n, Brain	2	2	First	15
Alcoholism			" Bronchi		2	Second	8
Ansemia			" Kidneys		I	Third	6
Apoplexy	7		" Larynx		8	Fourth	9
Bright's Disease	1	4	" Lungs		10	Sixth	5
Cancer of Liver		•	" Pericardium		1	Seventh	15
Pancreas	1			1 -	1	Eighth	4
	_		reritoneum.		1	Ninth Tenth	18
Rectum	1		D, & DOWEIS		6	Eleventh	2
Stomach			Tongue			Twelfth	6
Casualties	11	1	Inanition		5	Thirteenth	8
Cerebro-spinal Meningitis	1		Jaundice		1	Fifteenth	19
Congestion of Bowels	ļ	1	Leucocythemia			Sixteenth	7
- Brain		8	Malformation		2	Seventeenth	13
" Lungs	1	1	Marasmus		12	Eighteenth Nineteenth	10 15
Cellulitis of Arm		l	Murder		1	Twentieth	8
Cholera Infantum		2	Neuralgia of Heart	1		Twenty-first Twenty-second Twenty-third	8
" Morbus	1	ll	Old Age			Twenty-second	.5
Cirrhosis of Liver	7	l	Obstruction of Bowels	1		Twenty-third	16 16
Consumption of Lungs		7	Ossification of Heart	i		Twenty-fifth	16
Convulsions		8	Ovariotomy	-		Twenty-sixth	10
Croup		11	Paralysis		·····	Twenty-seventh.	28
	*****	i	Pelvic Cellulitis			Twenty-eighth Twenty-ninth	11 11
Cyanosis	••••	- 1			·····	Thirtieth	14
Debility		7	Poisoning, Ether			Thirtieth Thirty-first	18
Diarrhœs	2		" Lead	1		*Municipal Hospital	•
Diphtheria		7	Sore Mouth		1	unancher zombrene	•
Dropsy	5	1	Small-pox	1			
" Abdominal	1		Suicide, Hanging	1		Maddulan man	
" of Brain		4	" Shooting	1		Nativity, etc.	
" Lungs	1		Ursemia	1	1		
Disease of Heart	10		T			United States	244
" Liver	. 1		Totals	196	1:26	Foreign	68
Drowned	1		'	-		Unknown	10
Dysentery	2				li	People of Color	19
Effusion of Brain	1	1			ł	· -	
Emphysema	1					l i	
	2				ł		
Empyema	1		Of the channe than			l	
Epilepsy		•••••	Of the above there were		ı l	Males	172
Erysipelas	1	••••••	Under 1 year		50	Females	150
Fatty Degen. of Heart	1	•••••	From 1 to 2	•••••	18	Boys	72
Fever, Congestive		1	" 2 to 5		22	Girls	54
Intermittent	1		" 5 to 10		19		
" Malarial	4	1	" 10 to 15		8	Premature Birth	•
Scarlet		10	" 15 to 20		14	353	_
^{st.} Typhoid	7	4	" 20 to 80		44	Males	0
Gall Stones	1		" 30 to 40		84	Females	2
Heart Clot	2		" 40 to 50		22	Total	2.
Hemorrhage, Bowels	1		" 50 to 60		30		
" Lungs	1		" 60 to 70		25	Still-Born.	
" Nose		1	" 70 to 80		27		
" Uterus		*	" 80 to 90		12	Males	9
" Umbilical		1				Females	6
Hypertrophy of Heart		•	90 to 100		1		
TI Dermobus of Heart	2	•••••	" 100 to 110	••••••	1	Total	15
				1		· .	

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE

WREK ENDING SATURDAY, OCTOBER 13, 1883.

н Въли.	77 P. M. In.		Clear, 10	_				Clear, .00 Clear, .00 Clear, .00 Hasy, .00	
STATE OF WRATHER.	8.07 A. M. 11.07 P. M.		Cloudy. Ch	,				i i	<u>.</u> <u>.</u>
STAT	7.07 A. M.		Cloudy.	Cloudy.	Cloudy. Clear.	Cloudy. Clear. Cloudy. Clear.	Cloudy. Clear. Cloudy. Clear.	Cloudy. Clear. Clear. Clear. Clear.	Cloudy. Clear. Cloudy. Clear. Clear. Foggy.
Ed	11.07 P. M.								
VELOCITY OF WIND.	8.07 P. M.	-	_	~					
> 0	70.7	•		•					
5	11.07 P. M.	Z Z		떡	ත් <u>ත්</u> ත්	8 8 K	8 8 X X X X X X X X X X X X X X X X X X	8 8 8 8 8 8 8	8 8 8 8 8 8
Віжестіой с Wind.	3.07 P. M.	zi zi		z. Z					
DIR	70.7 .MA	N.E.		z Z			N.W.	N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N
H.	11.07 P. M.	8	8		7.	7 . 28	2 2 8	2	77 88 82 100 100 a
RELATIVE HUMIDITY.	8.07 P. M.	2	8	_	28	28 28	28 28 28	8 8 8 8	28 28 28 28
開開	70.7 M.A	88	8	_	8	8 %	8 8 8	8 8 8 5	8 8 8 8 8
	Min'm.	3	8	_	5	2 2	E 22 6	52 52 53 54	8 2 2 2
럂	.m'xsM	28	2		8	8 2	2 2 2	8 1 2 8	8 2 7 8 8
Тневнометев	Mean Daily Value,	4.4	56.5		59.2	69.2	61.7	64.4	66.7 64.4 69.5
HERE	11.07 P. M.	Z.	23		22	62	6 62	2 8 2 4	
Ħ.	3.07 P. M.	28	8		8				
	70.7 .MA	8	25	=	8	62 62	2 2 2	8 2 2 8	8 8 3 2 8
	Mean Daily Value,	80.29	80.82		80.28				
BAROMETER.	11.07 P. M.	30.30	30.32		20.27	30.27 30.18	80.27 80.18 80.15	80.27 80.18 80.15	80.27 80.18 80.15 80.15 29.93
BARON	3.07 P.M.	30.28	80.80		30.27	30.27	30.27 30.09	30.27 30.15 30.09	30.09 30.09 30.09 30.09 30.00
	7.07 A. M.	80.28	30.35		80.84	80.24	80.24 80.24 80.13	80.84 80.24 30.13	80.84 80.24 80.18 30.15
Day.	E.R.	7,	œ,		•	-	• 01 11	, 10, , 11, , 12,	
Month and Day	1883. OCTOBER	Sunday,	Monday,		Tuesday,	Tuesday, Wed'sday,	Tuceday, 9, Wed'sday, 10, Thursday, 11,	Tuesday, Wed'sday, Thursday, Friday,	Tuceday, Wed'sday, Thursday, Friday, Saturday,

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

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WEEK ENDING SATURDAY, OCTOBER 20, 1883.

CAUSES OF DEATH.	ADULTS	MINORS	CAUSES OF DEATH.	ADULTS	MINORS.	DEATHS IN EACH WARD.	I
Abscess, Lumbar	1		Infla'mat'n, Liver	1		First	15
Alcoholism	2		" Lungs	6	14	Second	11
Apoplexy	5		" Peritoneum.	3		Third Fourth	12 11
Bright's Disease	3		" Pleura		1	Finh	5
Burns and Scalds		1	" S. & Bowels	5	7	Sixth	5
Cancer of Breast	1		" Spleen			Seventh	13
" Face	1		Inanition		7	Ninth	8
" Neck	2		Laryngismus Stridulus		1	Tenth	4
4 Stomach	3		Marasmus		9	Eleventh	6
" Uterus			Measles		1	Thirteenth	7
" Vagina	1		Murder	1		Fourteenth	8
Casualties	6	2	Neuralgia of the Heart			Fifteenth	14
Cerebro-spinal Meningitis		1	Old Age			Seventeenth	10
Congestion of Brain		7	Obstruction of Bowels	100	2	Eighteenth	16
" Kidneys			Ovariotomy		11.5	Nineteenth	14
" Lungs	1 7	3	Paralysis		1	Twentieth	15
Chlorosis		100	Poisoning, Laudanum	1	100	Twenty-second	15
Cholera Infantum		4		2	1	Twenty-third	11
The second secon		7	Pyæmia	- 3	1	Twenty-fourth Twenty-fifth	20 23
Consumption of Lungs		15	Quinsy		1	Twenty-sixth	15
Convulsions,			Septicæmia	2	1	Twenty-seventh.	7
Croup	44777	7	Softening of Brain			*Twenty-eighth	15
Cyanosis		1	Small-pox	1	1	Twenty-ninth Thirtieth	13
Debility		6	Suicide, Hanging			Thirty-first	12
Diabetes			Suffocation		1	*Municipal Hospital,	0.
Diarrhœa			Syphilis		*****		₽.
Diphtheria		18	Tabes Mesenterica	*****	1	7	
Dropsy			Teething		1	Nativity, etc.	
" Abdominal		1	Tetanus	1	*****	Mativity, etc.	_
" of Brain		1	" Neonatorum		1	United States	256
" Chest	1		Tumor, Abdominal	1		Foreign	79
" Larynx		1	" of Uterus	1	.,	Unknown	3
" Lungs		1	Ulceration of Pharynx	1	*****	People of Color	13
Disease of Brain	1		Uræmia	1	1	Teophe at Constitu	
" Heart	13	2		-	104		
Dysentery	2	1	TOTALS	177	161		
Effusion of Brain		1		-			
Emphysema						Males	168
Erysipelas		2			1	Females	170
Enlargement of Heart			Of the above there were	:	1 1	Boys	78
Fever, Malarial		2	Under 1 year		67	Girls	83
" Scarlet		10	From 1 to 2		100		
" Typhoid		6	" 2 to 5		1	Premature Birth.	
Gangrene of Leg			" 5 to 10			110000000000000000000000000000000000000	_
Heart Clot			" 10 to 15			Males	6
Hemorrhage, Lungs		******	" 15 to 20			Females	2
			" 20 to 30		1	Total	8
Бюшаси	100	*****	" 30 to 40		135	10001	_
Uterus	1	*****	50 10 40		100	Still-Born.	
Hernia			40 10 30		200	Otth-Dorlin	
Infla'mat'n, Brain		6	00 00 00		2000	Males	10
" Bronchi		2	00 10 70		100 341	Females	5
" Bladder		1	" 70 to 80 " 80 to 90		24	Total	15
" Kidneys	2						

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METROROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE WEEK ENDING SATURDAY, OCTOBER 20, 1883.

		<u> </u>							
HER.	11.07 P. M.	Fair.	Clear.	Clear.	Clear.	Cloudy.	Cloudy.	Cloudy.	
STATE OF WRATHER.	8.07 P.M. 11.07 P.M.	Clear.	Clear.	Clear.	Clear.	Cloudy.	Cloudy.	Lt. Bain.	
STAT	7.07 A. M.	Lt. Rain.	Clear.	Clear.	Cloar.	Clear.	Cloudy.	Lt. Rain.	
E é	11.07 P. M.	•	12	*	-	•	4	2	
VELOCITY OF WIND.	8,07 P. M.	80	7	•	9	69	. 1-	90	
A 0	70.7 .MA	•	23	13	2	ю	61	4	
8	11.07 P. M.	N. E.	zi	Z.	N, E.	년 ග්	S.W.	zi	
DIRECTION OF WIND.	8.07 P. M.	*	zi	Z Z	N.E.	শ্ব	න්	N.W.	
Q	70.7 .M. A	8.W.	z	z	z. E	z Ei	øć .	8.W.	
Y.	11.07 P. M.	72	8	72	8	8	8	82	
RELATIVE HUMIDITY.	8.07 P. M.	8	18	22	8	8	22	8.	
H. H.	70.7 .M .A	8	2	8	8	1	8	8	
	.mraiM	8	4	37	28	7	2	47	
g	.m'xsM,	8	8	8	Z	88	67	29	
THERMOMETER.	Mean Daily Value.	70.8	49.3	8.8	46.6	51.0	62.0	57.4	176
HE	11.07 P. M.	28	\$	2	7	2	8	5	
1	3.07 P. M.		18	4	8	25	67	2	
1	70.7 .MA	22	\$	8	8	7	28	8	
	Mean Daily Value.	90.00	30.38	30.62	30.62	30.49	30.28	80.17	30.37
BAROMETER.	11.07 P. M.	80.12	30.52	30.62	30.62	30.43	30.22	30.24	
BARO	3.07 P. M.	29.93	30.33	30.60	30.59	30.46	30.26	30.10	
	7.07 A. M.	29.94	80.30	80.64	30.65	30.59	30.38	30.16	
Day.	E.	7,	15 ,	16,	17,	18,	19	8	
Month and Day.	1883. OCTOBER.	Sunday,	Monday,	Tuesday,	Wed'sday, 17,	Thursday, 18,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

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164 Week Ending Saturday, October 27, 1883.

	1 -		1 .		1
CAUSES OF DEATH.	ADULTS	MINORS	CAUSES OF DEATH.	MINORS	DRATHS IN EACH WARD.
Abecess of Liver	1		Infla'mat'n, S. & Bowels 1	2	First 16
" Lungs		2	Inauition 2	2	Second 14
Alcoholism	-			1	Third 6
	6			*	Fourth 16 Fifth 9
Apoplexy Asphyxia	-	1	Manis-s-Potu 1 Marasmus	15	Sixth
Asthma	2)	Measles	I I	Seventh 12
Bright's Disease				1	Eighth 4 Ninth 2
Burns and Scalds	**	8			Tenth 10
Cancer of Cheek	1	- 1	•		Eleventh 4
		•	Paralysis 7		Twelfth 2 Thirteenth 4
		.:	Pysemia2		Fourteenth 5
- Uterus	1		Purpura	1	Fifteenth 12
Casualties	8	1	Rheumatism of Heart 1		Sixteenth 2 Seventeenth 12
Cerebro-spinal Meningitis		8	Septicæmia 8	1	Seventeenth 12 Eighteenth 17
Congestion of Brain		1	Sore Mouth	1	Nineteenth 15
" Lungs		2	Softening of Brain 8		Twentieth 15
Cholera Infantum		5	Small-pox 2		Twenty-first 7 Twenty-second 15
Cirrhosis of Liver			Spins Bifids	1	Twenty-third
Consumption of Lungs		5	Syphilis	1	Twenty-fourth 15
Convulsions		12	Teething	1	Twenty-fifth 16 Twenty-sixth 29
Croup	•••••	17	Tumor, Lymphomata 1		Twenty-seventh. 13
Cyanosis		4	Ulceration of Throat	1	"I wenty-eighth 11
Debility	5	2	Uræmia 1	2	Twenty-ninth 17 Thirtieth 14
Diabetes	2		TOTALS179	159	Thirtieth
Diphtheria	ļ	16	IVIAIS179	108	*Municipal Hospital, &.
Dropsy		1			-Municipal Hospital, 4.
" of Brain	ļ	1			
" Heart	1			1	Madalan a
" Lungs	1				Nativity, etc.
Disease of Heart					
" Liver	1				United States 250
Drowned	2				Foreign 71
Dysentery	1			1 1	Unknown 8
Emphysema				1 1	People of Color 22
Epilepsy		l			1
Erysipelas		1			
Fever, Bilious					[
" Malignant					Males 187
" Puerperal	2			1 1	Females 151
4 Scarlet		10	Of the above there were:		Воуз 89
" Typhoid		8	Under 1 year	57	Girls70
Hernia, Strangulated			From 1 to 2	80	GII 18 10
Hooping-cough		4	" 2 to 5	30	Premature Birth.
		i	" 5 to 10	22	
	*****	2	" 10 to 15		Males 2
Hypertrophy of Heart	1 1		10 10 10	6	Females 5
Infla'mat'n, Brain		1	M 184- 00		Females 5
Infla'mat'n, Brain " Bronchi	2	8	# 15 to 20	14	
Infla'mat'n, Brain " Bronchi " Bladder	2 1	8	" 20 to 30	34	Total 7
Infla'mat'n, Brain	2 1 2	8	" 20 to 30 " 30 to 40	34 41	Total 7
Infla'mat'n, Brain	2 1 2	8	" 20 to 30 " 30 to 40 " 40 to 50	34 41 81	
Infla'mat'n, Brain	2 1 2 1	8 2	" 20 to 30	34 41 81 19	Total 7
Infla'mat'n, Brain	1 2 1 7	8 2 6	40 to 30	84 41 81 19 28	Total
Infla'mat'n, Brain	1 2 1 7	8 2	" 20 to 30	34 41 81 19	Total

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, OCTOBER 27, 1883. DURING THE

BAIN.	Ē		<u> </u>	8	<u> </u>	<u> </u>	푸.	 8	2.04
HER.	11.07 P. M.	Cloudy.	Cloudy.	Lt. Rain.	Clear.	Lt. Rain.	Clear.	Cloudy.	
STATE OF WEATHER	3.07 A. M.	Cloudy.	Cloudy.	Lt. Rain.	Cloudy.	Clear.	Cloudy.	Cloudy.	
Bran	7,07 A. M.	Cloudy.	Cloudy.	Lt. Rain.	Cloudy.	Clear.	Lt. Rain.	Fair.	
Ed	11.07 P. M.	2	•	91	10	60		•	
VELOCITY OF WIND.	8.07 P. M.	2	7	92	22	•	**	**	
A O	70.7 .M. A	=	16	16	16	61	4	-	
ato 1	11.07 M 9	Z. Z	Z Z	z z	N.W.	Z E	N.W.	ല് ത്	
DIRECTION C WIND.	8.07 P. M.	N.E.	N.E.	N.E.	z	¥.	· zi	N.W.	
Dis	70.7 .MA	zi	z z	z z	zi	zi	Z.	벼	
# £	11.07 P. M.	8	8	\$	8	16	88	8	
RELATIVE HUMIDITY.	8.07 P. M.	25	72	8	22	8	88	74	
盟田	70.7 .M .A	8	8	8	88	8	8	16	
	Min'm.	å	3	\$	\$	4	3		
ď	Max'm.		. 22	8	2	20	8	8 2	
THERMOMETER.	Mean Daily Value.	46.0	47.7	44.9	47.9	51.6	52.1	52.9	49.0
HER	11.07 .M .A	47	3	3	8	51	64	22	
T	8.07 P. M.		12	4	22	22	55	52	
	7.07 .MA		3	4	2		25	3	
	Mean Daily Value.	30.31	30.35	30.26	80.13	30.08	30.01	30.11	30.18
BAROMETER.	11.07 P.M.	30.33	30.36	30.19	30.12	30.05	30.04	30.13	
BAROI	3.07 P. M.	30.29	30.33	37 28 28	30.11	30.05	29.98	80.10	
	7.07 A. M.	30,30	30.36	30.34	30.16	80.14	30.02	30.09	
Month and Day.	1883. OCTOBER.	Sunday, 21,	Monday, 22,	Tuesday, 23,	Wed'sday, 24,	Thursday, 25,	Friday, 26,	Saturday, 27,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above see, and instrumental error.

166 Week Ending Saturday, November 3, 1883.

CAUSES OF DEATH.	ADULTS.	KINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DRATHS IN RACH WARD.
Abscess of Neck		1	Infla'mat'n, Kidneys	2	2	First 16
Alcoholism	1		" Larynx		2	Second 11
Anæmia	1		" Liver		1	Third 6 Fourth 9
Aneurism of Aorta	2		" Lungs		5	Fifth 8
Apoplexy	9		* Pericardium	1	1	Sixth 6
Asthma	1		" Peritoneum.	4		Seventh 12 Eighth 6
Bright's Disease		1	« Pleura	1		Ninth
Cancer of Breast	1		" 8. & Bowels	5	6	Tenth 14 Eleventh 8
" Face	1.		Insnition		8	Eleventh 8
" Neck	1		Jaundice	1		Thirteenth 4
* Stomach	2		Mania-a-potu	1		Fourteenth 5
" Thigh	1		Malformation		1	Fifteenth 16 Sixteenth 8
" Uterus	2		Marasmus		11	Seventeenth 6
Casualties	1	1	Neuralgia of the Heart	2		Eighteenth 10
Congestion of Brain	1	1	Old Age	15		Nineteenth 27 Twentieth 17
" Lungs	1	8			1	Twenty-first 4
Cholera Infantum	- 1	1	Paralysis	3		Twenty-second 6
Cirrhosis of Liver	6		Septicæmia	1	1	Twenty-third 8 Twenty-fourth 24
Concussion of Spine	1		Softening of Brain	1		Twenty-fifth 17
Consumption of Lungs	36	9	Small-pox	î	8	Twenty-sixth 13
Convulsions	2	14	Suicide, Arsenic	1		Twenty-seventh. 22
Croup		20	Shooting	i		Twenty-ninth 9
Cyanosis		20	Tabes Mesenterica	- 1	2	Thirtieth 10
Debility	1	4		1		Thirty-first 18
Diarrhœa	_	-	Tetanus Tumor of Brain	1	••••	*Municipal Hospital, 0.
		23	1	1	•••••	
Diphtheria		20	Ulceration of Bowels		•••••	
Oropsy " of Brain		1	" Stomacn	1	1	Nativity, etc.
		1	Uræmia	1		
" Heart		•	TOTALS	178	162	United States 260
- Kluneys		•••••	l.		=	Foreign 72
Disease of Brain	2					Unknown 8
Heart		1				People of Color 16
- Aluneys		1				
Opine		1				1
Dysentery						
Emphysema						l
Epilepsy	1		064			Males 180
Enlargement of Liver	1		Of the above there were			Females 160
Fatty Degen. of Heart			Under 1 year		54	Boys 84
Fever, Malarial		1	From 1 to 2		13	Girls 78
" Scarlet		12	" 2 to 5		40	D 1 D 11
	10	5	" 5 to 10		30	Premature Birth.
" Typhoid			" 10 to 15		11	Males 3
" Typhoid Fracture of Skull	1	*****	# 15 to 90		14	Man 00
" Typhoid Fracture of Skull " Thigh	1		" 15 to 20	*****		Females 1
" Typhoid Fracture of Skull " Thigh Heart Clot			" 20 to 30		28	
" Typhoid	1		" 20 to 30 " 30 to 40		28 41	Females 1 Total 4
" Typhoid	1 1		" 20 to 30		28	Total 4
" Typhoid	1 1 8		" 20 to 30 " 30 to 40		28 41	
" Typhoid	1 1 8 1		" 20 to 30 " 30 to 40 " 40 to 50		28 41 24	Total 4 Still-Born.
" Typhoid	1 3 1 1		" 20 to 30 " 30 to 40 " 40 to 50 " 50 to 60		28 41 24 22	Total
" Typhoid	1 3 1 1		" 20 to 30		28 41 24 22 20	Total4 Still-Born.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, WEEK ENDING SATURDAY, NOVEMBER 3, 1883. DURING THE

BAIN.	념	8	Si.	S.	8	\$	S,	8	1	8.
HER.	11.07 P. M.	Cloudy.	Cloudy.	Clear.	Clear.	Clear.	Clear.	Clear.		
STATE OF WRATHER.	3.07 P. M.	Cloudy.	Cloudy.	Clear.	Cloudy.	Fair.	Clear.	Pair.		
STAT	7.07 A. M.	Cloudy.	Lt. Rain.	Clear.	Clear.	Clear.	Clear.	Clear.		
FE	11.07 P. M.	•	*	6	•	9	**	ю		
VELOCITY OF WIND.	8.07 P. M.	10	2	18	77	81	91	æ		
A O	70.7 .M. A	-	•	7	4	9	*	*	1	į
40 J	11.07 .MA	N.W.	8.₩.	8.W.	S.W.	8.W.	N.W.	S.W.		
DIRECTION WIND.	8.07 P. M.	त्रं इ	8.W.	₩.	N.W.	N.W.	N.W.	S.W.		
Dia	70.7 .MA	8.W.	න්	8.W.	8.W.	8.W.		N.W.		
IX.	11.07 P. M.	8	8	73	19	E	7.	22	1	
RELATIVE HUMIDITY.	70.8 .Mq	62	8	#	20	8	8	3		
開開	70.7 .M.A	28	88	2	8	8	23	73		
	Min'm.	15	23	98	25	2	\$	8		
e#	.m'xaM	8	8	67	8	æ	3	19	1	
THERMOMETER	Mean Daily Value.	54.9	63.8	60.0	56.1	45.6	43.1	44.3		52.5
HEB	11.07 .M9	13	2	8	28	4	7	å	$\perp \!\!\! \perp$	
Ŧ	8.07 P. M.	8	67	8	8	8	4	8	1	
<u> </u>	70.7 .M .A	25	8	92	21	2	3	\$	1	
	Mean Daily Value.	30.12	29.64	28.73	29.88	29.96	30.11	30.25		29.97
BAROMETER.	11.07 P. M.	30.07	29.41	29.95	29.92	29.99	30.22	30.21		
Вако	3.07 P. M.	30.13	29.62	29.79	29.81	29.92	30.07	30.32		
	7.07 A. M.	30.18	29.88	29.65	29.94	29.35	30.04	30.32		
Day.	ER.	ৰ্ম	8	ક્ર	, 3E,	, 1,	ર્લ	ော်		
Month and	1883. OCTOBER	Sanday,	Monday,	Tuesday,	Wed'sday, 31,	Thursday, 1,	Friday,	Saturday,		Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean lovel of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

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Week Ending Saturday, November 10, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EACH WARD,	
Abscess of Lung	1		Infla'mat'n, S. & Bowels	5	5	First	16
" Pelvic			Inanition	2	3	Second	. 14
Aneurism of Aorta	_		Intussusception	100		Third	11
Apoplexy	_		Mania-a-Potu	1		Fourth	9
Asphyxia		2	Marasmus		8	Sixth	2
Asthma	1		Measles		1	Seventh	10
Bright's Disease	3	2	Neuralgia of Heart			Ninth	7
Burns and Scalds	1		Old Age			Tenth	5
Cancer of Liver	ī		Obstruction of Bowels	1	1	Eleventh	1
4 Stomach	! -		Paralysis	3	i	Twelfth	6
" Uterus	l i		Poisoning, Laudanum	1		Fourteenth	11
Casualties	5	2	Pyæmia	î		Fifteenth	23
Cerebro-spinal Meningitis	i	1	Rheumatism of Heart		1	Sixteenth	7
Congestion of Brain	4	i	Rupture of Œsophagus			Eighteenth	14
Lungs	_	2			1	Nineteenth	25
Cholers Infantum	-	2	Scrofula	2		Twentieth	8
Cirrhosis of Liver		_				Twenty-second	4
Consumption of Lungs	-	5	Sore Mouth Softening of Brain		1	Twenty-third	14
Convulsions	Į.	15			2	Twenty-fourth Twenty-fifth	21 15
		8	Small-pox			Twenty-sixth	20
Croup			Suicide, Cutting Throat			Twenty-seventh.	11
Cyanosis		4	Hanging			*Twenty-eighth Twenty-ninth	16
Debility		2	Morphiue		1	Thirtieth	10
Diabetes			Tetanus			Thirty-first	14
Diarrhœa	-	1	Tumor of Uterus		******	•Municipal Hospital,	0.
Diphtheria	1	27	" Ovarian	1			-
Dropsy		2	Uræmia	2			
" Abdominal	1		TOTALS	176	147	Nativity, etc.	
" of Brain		2	202220	110		Mativity; etc.	_
" Heart						TT-Mad Chann	240
Disease of Brain		1			1 1	United States,	
" Heart		1	•		1 1	Foreign	75 8
Drowned	2	1				Unknown	•
Dysentery					1 1	1	
Eczema	ļ	1					
Erysipelas	1	1			1 1	1	
Enlargement of Heart	1	,]	
	1					Males	
Fever, Puerperal	1						155
Fever, Puerperal " Remittent	1	1 ' 1					168
	1		Of the above there were	1		Females	
" Remittent	1 1 1		1		54	Females Boys	168 78
" Remittent	1 1 1 4	12	Under 1 year		54 15	Females	168
" Remittent	1 1 1 4	12 3	Under 1 yearFrom 1 to 2		1 1	Females Boys	168 78 74
" Remittent " Scarlet " Typhoid Goitre Gangrene	1 1 1 4 1	12 3	Under 1 year From 1 to 2	 	15 32	Females	168 78 74
" Remittent " Scarlet Typhoid Goitre Gangrene Hemorrhage, Lungs.	1 1 1 4 1 1	12 3	Under 1 year From 1 to 2	 	15 32 26	Females	168 78 74
" Remittent " Scarlet	1 1 4 1 1 4	1 1 1 1 1	Under 1 year		15 32 26 8	Females	168 78 74
" Remittent " Scarlet	1 1 4 1 1 4	12 3 1 1 1	Under 1 year		15 32 26 8 12	Females	168 78 74
" Remittent " Scarlet	1 1 4 1 1 4	12 3 1 1 1 1 4	Under 1 year		15 32 26 8 12 39	Females	168 78 74
" Remittent	1 1 4 1 1 4 	12 3 1 1 1 1 4 5	Under 1 year		15 32 26 8 12 39 29	Females	168 78 74
" Remittent " Scarlet " Typhoid " Typhoid " Goitre " " Hemorrhage, Lungs " Hypertrophy of Heart " Ileus " Bronchi " Bronchi " Kidneys " Kidneys "	1 1 4 1 1 4 1	12 3 1 1 1 4 5	Under 1 year		15 32 26 8 12 39 29 21	Females	168 78 74
" Remittent " Scarlet " Typhoid " Typhoid " Goitre " Gangrene " Hemorrhage, Lungs. " Hypertrophy of Heart " Ileus " Bronchi " Kidneys " Larynx " Larynx "	1 1 4 1 1 4 	12 3 1 1 1 4 5	Under 1 year		15 32 26 8 12 39 29 21 20	Females	168 78 74
" Remittent " Scarlet " Typhoid " Goitre " Gangrene " Hemorrhage, Lungs " Hypertrophy of Heart " Hous " Bronchi " Kidneys " Larynx " Lungs " Lungs " Lungs " Lungs "	1 1 4 1 1 4 1 1 1	12 3 1 1 1 4 5	Under 1 year		15 32 26 8 12 39 29 21 20 27	Females	168 78 74 0 4
" Remittent " Scarlet " Typhoid " Typhoid " Goitre " Gangrene " Hemorrhage, Lungs " Hypertrophy of Heart " Ileus " Bronchi " Kidneys " Larynx " Lungs " Lungs " Lungs " Lungs " Lungs " Lungs " Lungs " Scarlet " Scarlet " Scarlet " Lungs " Lungs " Lungs " Scarlet " Sc	1 1 4 1 1 4 1 1 1 1 1 1 1 1	12 3 1 1 1 4 5	Under 1 year		15 32 26 8 12 39 29 21 20	Females	168 78 74 0 4 4

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE

WEEK ENDING SATURDAY, NOVEMBER 10, 1883.

BAIN.	ġ	8	Ş	É	8	8.	æ.	z i	
State of Weather.	A. M. 11.07 P. M.	Clear.	Clear.	Lt. Bain.	Clear.	Cloudy.	Cloudy.	Cloudy.	
	M. 8.07 A. M.	Clear.	Clear.	Cloudy.	Clear.	Clear.	Cloudy.	Lt. Rain.	
	7.07 A. M.	Fair.	Clear.	Clear.	Fair.	Clear.	Cloudy.	Lt. Badn.	
VELOCITY OF WIND.	11.07 P. M.	•	. 69	89	*	67	10	•	
	8.07 P. M.	-	a	67	12	*	80	2	
	70.7 .M. A	4	•	61	•	81	-	0.	
DIRECTION OF WIND.	11.07 P. M.	Calm.	zó .	8.W.	N.W.	8. W.	₩.	Calm.	
	8.07 P. M.	S.W.	S.W.	8.W.	N.W.	S.W.	8.W.	N.E.	
	70.7 JMA.	S.W.	Calm.	αċ	N.W.	N.E.	8.W.	Calm.	
RELATIVE HUMIDITY.	11.07 P. M.	3	88	8	78	8	8	88	
	8,07 P. M.	8	19	72	15	8	8	*	
	70.7 .M. A	88	11	8	둉	8	8	8	
THERMOMETER.	.m'niM	4	å	19	47	4	13	88	
	Max'm.	8	29	8	22	8	3	8	
	Mean Daily Value.	53.3	56.3	67.3	50.1	53.1	59.7	55.1	55.0
	11.07 .M .T		23	22	3	128		22	
	8.07 .Mq	29	99	8	2	29	9	88	
	70.7 .MA	4	64	22	4	4	18	8	
BAROMETER.	Mean Daily Value,	30.24	30.30	30.01	30.12	30.05	29.84	29:92	30.07
	11.07 P. M.	30.31	30.25	29.96	30.15	30.01	29.84	29.95	
	3.07 P. M.	30.19	30.29	29.97	30.10	30.01	29.75	29.88	
	7.07 A. M.	30.21	30.37	30.12	30.12	30.14	29.92	28.94	
Day.	KER.	4	٥,	٠,	.,	œ	œ,	5,	
Month and Day	1883. NOVEMBER	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Means

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The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

170 Week Ending Saturday, November 17, 1883.

CAUSES OF DEATH.	ADULTS	MINORS	CAUS	3E8	OF DEATH.	ADULTS	MINORS	DEATHS IN EACH	Ħ
Abscess of Brain	1		Infla'r	nat'r	, Larynx		1	First	13
" Liver	1		•		Lungs		7	Second	14
Aneurism Carotid Artery.	1	ll	"		Pericardium	1		Third	10 12
Apoplexy	8				Peritoneum.	5		Fifth	7
Asphyxia		1	*		8. & Bowels	4	2	Six1h	6
Asthma	1	ll	Insani	tv		1	 	Seventh Eighth	11 10
Bright's Disease	2		Inanit	ion .		1	6	Ninth	2
Burns and Scalds	2	1			ption	1		Tenth	11
Cancer of Liver	1				on		1	Eleventh	5 6
" Kidneys	1		Maras	mus.			15	Thirteenth	2
* Rectum	1		Measle	s	••••••	 .	2	Fourteenth	6
Stomach	2							Fifteenth	12 8
" Uterus	1				n of Bowels	2		Seventeenth	11
Casualties	3	2				4		Eighteenth	18
Cerebro-spinal Meningitis	1					ī		Nineteenth Twentieth	12 14
Congestion of Brain	4	8			m of Heart	ì		Twenty-first	8
" Lungs	2	2			Liver	i		Twenty-second	6
Cirrhosis of Liver	2		,			-	1	Twenty-third Twenty-fourth Twenty-fifth	12 17
Consumption of Lungs	_	4	1			1		Twenty-fifth	26
1		12			of Brain	ı		l wenty-sixtn	16
Croup	•••••	8	1	_		1	1 1	Twenty-seventh.	17
Debility	4	2	Suicide		anging	I		Twenty-eighth Twenty-ninth	11 17
Diabetes	1	- 1	1		ooting	1		Thirtieth	12
Diarrhœa	1				4 7	1 -	2	Thirty-first	18
	•	1			nterica		1	*Municipal Hospital,	0.
Diphtheria		81					1		
Dropsy	4	8			Brain	1		İ	
Доиошпия	1		Ursemi	a	•••••••	1		Nativity, etc.	
OI DIMIL	•••••	1		To	rals	200	150	- italitical otto	
- Lungs	1			-0.		=	_	United States	255
Disease of Brain	1							Foreign	92
Heart	10		1				1 1	Unknown	8
Tuver	1		1				!!	People of Color	22
Dysentery	2	1	1					-	
Effusion of Brain	1								
Epilepsy	1							1	
Erysipelas		2	1						
Enlargement of Heart	1						- 1	Males	170
Fatty Degen. of Heart	1		Off	the a	bove there were	1		Females	180
Fever, Malarial	•••••	1	Under	1 ye	ar	•••••	45	Boys	75
" Remittent	1		From	1 to	2	•••••	21	Girls	75
" Scarlet		17	"	2 to	5	• • • • • • • •	52		
" Typhoid	9	8	"	5 to	10	•••••	19	Premature Birth.	
Fistula in Ano	1		" 1	0 to	15	•••••	8	35.3	
Gangrene of Leg	1		" 1	5 to	20	•••••	10	Males	2
Hemorrhage, Brain	1		4 9	20 to	30	•••••	42	Females	2
" Lungs	1		" 8	to to	40	•••••	87	Total	4
" Stomach	1		1		50		36		
Hooping-cough	- 	2	4		60		29	Still-Born.	
Hypertrophy of Heart	1				70		26	l 	
Infla'mat'n, Brain	3	10			80		16	Males	10
" Bronchi	3	3			90		11	Females	9
	2	"			100		3	Total	19
" Kidneys									

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE WERK ENDING SATURDAY, NOVEMBER 17, 1883.

RAIN.	ij	8	8.	8	8	8	8	8	8
PHER.	11.67 P. M.	Cloudy.	Clear.	Clear.	Clear.	Cloudy.	Clear.	Clear.	
STATE OF WEATHER.	8.07 P. M.	Lt. Rain.	Clear.	Cloudy.	Clear.	Clear.	Clear,	Clear,	
STAT	7.07 A. M.	Cloudy.	Clear.	Clear.	Fair.	Clear.	Clear.	Clear.	
ž ė	11.07 P. M.	100	16	97	•	7	9	64	
VELOCITY OF WIND.	8.07 M. · M.	9	8	11	83	•	91	80	
A O	7.07 M.A	•	7	•	4	•	7	69	
10	11.07 Mq.	8. W.	``	S.W.	N.W.	8.₩.	N.W.	ಹ	+
DIRECTION WIND.	8.07 F. M.	N.E.	`.	8.W.	¥	8.W.	N.W.	S.W.	
Dir	70.7 .MA.	Calm.	N.W.	S.W.	S.W.	Calm.	₩.	8.W.	
AY.	11.07 P. M.	8	4	8	2	22	2	8	
RELATIVE HUMIDITY.	8.07 P. M.	8	39	41	24	37	7	88	
HUR	70.7 .M .A	8	8	8	8	22	8	8	
	.m'alM	28	\$	88	8	8	ង	83	
g	Max'm.	82	2	\$	41	\$	8	4	
Тневмометев.	Mean Daily Value.	54.2	87.0	8.04	40.2	35.0	28.7	85.3	88.
HERN	11.07 .MT	る	*	\$	8	28	8	83	
H	8.07 P. M.	2	8	3	3	8	8	\$	
	70.7 .M .A	2	7	8	4	8	28	88	.
	Mean Daily Value.	29.91	20.99	29.96	29.97	80.17	30.47	30.51	80.14
BAROMETER.	11.07 P. M.	29.75	80.09	29.77	30.21	80.10	30.61	30.44	
BARO	8.07 P. M.	29.93	29.97	29.94	29.95	30.14	30.47	30.47	
	7.07 A. M.	80.59	29.90	30.16	29.75	30.28	30.32	30.64	
Month and Day.	1883. NOVEMBER.	Sunday, 11,	Monday, 12,	Tuesday, 13,	Wed'sday, 14,	Thursday, 15,	Friday, 16,	Saturday, 17,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for tamperature, elevation above sea, and instrumental error.

172 Week Ending Saturday, November 24, 1883.

CAUSES OF DEATH.	ADULTS	MINORS	CAUSI	E8 (OF DEATH.	ADULTS	MINORS	DEATHS IN EAC.	H .
Alcoholism	5		Infla'm	at'r	, Kidneys	1		First	17
Aneurism of Aorta	1		"		Larynx		1	Second	13
" Heart	1		"		Liver	1		Third Fourth	6 13
Apoplexy	7		"		Lungs	9	11	Fifth	15
Asphyxia		1	u ·		Pericardium		1	Sixth	4
Bright's Disease	.8	1	"		Peritoneum.	4	,	Seventh Eighth	16 7
Burns and Scalds		3	"		8. & Bowels	4	4	Ninth	6
Cancer of Bowels	1		"		Tonsils	1		Tenth	7
" Breast	1		"		Uterus	1		Eleventh Twelfth	4
" Face	1	I	Inaniti	on .		2	6	Thirteenth	7
" Liver	2	 	Leucoc	ythe	amia	1		Fourteenth	10
" Orbit	1	<u> </u>					8	Fifteenth	9
" Pylorus	1				of Heart	2		Seventeenth	15
" Uterus	2					8		Eighteenth	15
		1				9	1	Nineteenth	21 23
Casualties	5				m of Heart	2		Twenty-first	12
Congestion of Brain	2	5			lood Vessel	1		Twenty-second	9
" Liver	1						3	Twenty-third Twenty-fourth	8 16
" Lungs	6	2			f Brain			Twenty-fifth	21
Consumption of Lungs	41	5					1	Twenty-sixth	10
Convulsions		21			8		l i l	Twenty-seventh.	15 17
" Puerperal							i	*Twenty-eighth Twenty-ninth	20
		18			tting Throat		1 1	Thirtieth	15
Croup		1	66		nging			Thirty-first	13
Cyanosis Debility	8	10	1				8	•Municipal Hospital,	0.
Diarrhœa	3	10			••••••		1		
	1	22			eonatorum		î		
Diphtheria	2	1			of Bowels	1	•	Nativity, etc.	
Dropsy	3	-			OI DOWEIS	3		l	
or Heart	1		Oræmi	•				United States	277
" Kidneys	12	1	İ	To1	LALS	203	167	Foreign	88
Disease of Heart		1				==	===	Unknown	10
Spine	2	1						People of Color	19
Drowned		l							
Dysentery	2		ĺ				1		
Effusion of Brain	1		l						
Erysipelas	•••••	1	Ì						
Exposure	•••••	1	00.					Males	188
Fatty Degen. of Arteries	1				bove there were			Females	182
	1				ar		68	Boys	94
Fever, Malarial	1		From 1				20	Girls	78
" Scarlet		14		2 to			87		
" Typhoid	7	3			10		26	Premature Birth	•
Fistula in Ano	1) to	15		8	Males	2
Gangrene	1			i to	20		8	Females	1
" of the Mouth	1) to	30		49		
Hemorrhage, Bowels	1		1		40		30	Total	8
" Lungs	1		•		50		31	0	
" Uterus:	1			to to	60		81	Still-Born.	
D ver us		1	" 60		70		26	Males	11
Hooping-cough	•••••	- 1							
Hooping-coughInflation	1	4) to	80		21		
Hooping-cough	1 2	- 1	, "		90		21 10	Females	8

METROROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADRIPHIA, WEEK ENDING SATURDAY, NOVEMBER 24, 1883. DURING THE

Вали.	in.	8.	8.	8	8.	86.	2 .	9.	1 %
HER.	11.07 P. M.	Clear.	Clear.	Foggy.	Clear.	Cloudy.	Cloudy.	Clear.	
STATE OF WEATHER.	A. M. 3.07 A. M. 11.07 P. M.	Clear.	Clear.	Fair.	Fair.	Fair.	Lt. Rain.	Cloudy.	
STAT	7.07 A. M.	Clear,	Clear.	Cloudy.	Clear.	Cloudy.	Cloudy.	Cloudy.	
Ea	11.07 P. M.	, o	•	67	60	7	•	_	
VELOCITY OF WIND.	8.07 P. M.	◄.	80	•	φ	∞	••	-	
20	70.7 .M. A	64	-	61	64	=	•	6	
n O	11.07 P. M.	Calm.	Celm.	80	ಹ	ත්	N.E.	zi	
Вівестіон (Wind.	8.07 P. M.	ಹ	B.W.	8.W.	αģ	B.W.	X A	Ŋ.W.	
DIR	70.7 .MA	8.W.	8.W.	ᆆ	छ स्र	B.W.	B.W.	Z Z	
II.	11.07 P. M.	\$	8	*	\$	8	200	88	
RELATIVE HUMIDITY.	8.07 P. M.	23	20	8	7.	8	8	8	
報報	70.7 .M.,A	7.	8	12	8	8	ಕ	6	
	.ac'aiM	ౙ	8	4	8	8	2	\$	
gi	.m'xsM	8	28	8	8	72	8	8	
Thermometer.	Mean Daily Value.	41.8	47.3	50.3	60.2	66.0	8.60	61.8	88.8
HEB	11.07 P. M.	a	42	8	8	2	ತ	25	
F	8.07 P. M.	- 3	12	28	67	12	3	2	
	70.7 .M. A	22	8	4	22	8	8	8	
	Mean Daily Value.	30.36	86.98 8.98	30.35	30.19	30.04	30.06	80.21	30.22
BAROMETER.	11.07 P. M.	30.85	78.08	80.82	30.12	30.08	30.09	80.30	
BARON	3.07 P. M.	30.83	30.34	30.32	30.17	30.04	30.06	80.18	
	7.07 A. M.	30.33	80.88	30.39	30.29	30.06	30.02	80.15	
Day.	ER.	18,	13	8	z,	zi,	Я́	ą.	
Month and Day	1883. NOVEMBER.	Sunday,	Monday,	Tuesday,	Wed'sday, 21,	Thursday, 22,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

174 Week Ending Saturday, December 1, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH. Si DEATHS IN EACH WAED.
Abscess, Abdominal	1		Infis'mat'n, Larynx 2 First
Alcoholism	2		" Tiwas 1 1 Second 10
Aneurism of Aorts			" Lungs 16 9 Third 4 Fourth 12
Apoplexy	8		Pericardium 1 Fifth 7
Asphyxia		2	" Paritoneum 2 Sixth 5
Asthma	3]	" 8. & Bowels 4 5 Seventh
Bright's Disease	4	1	" Throst 1 Ninth 10
Cancer of Bowels	1	l	Insenity 1 Tenth 7
" Breast	1	 	Insuition 8 Eleventh 4 Twelfth 3
" Liver	2		Intussusception 1 Thirteenth 7
" Omentum	1		Mania-a-potu
" Ovaries	 	1	Marasmus 8 Sixteenth 11
" Pylorus	1		Murder 1 Seventeenth 12
" Stomach	4		Neuralgia of the Heart 1 Eighteenth 10 Nineteenth 18
" Uterus	2		Old Age 19 Twentieth 11
Casualties	5	1	Obstruction of Bowels 2 1 Twenty-first 8
Congestion of Brain	3	8	Paralysis 6 Twenty-second 17 Twenty-third 4
" Lungs	5		Pyæmia 1 Twenty-fourth 24
Cholera Infantum		2	Rheumatism of Heart 1 Twenty-fifth 15 Twenty-sixth 11
Cirrhosis of Liver			Scierosis of Spinal Cord 1 Twenty-seventh. 24
Consumption of Lungs	49	6	Scrofula 1 Twenty-eighth 20
Convulsions		8	Septicæmia 2 1 Twenty-ninth 18 Sore Threet 1 Thirtieth 12
Croup		8	Thirty-first 18
Cyanosis		6	Softening of Brain 3
Debility		4	Sinau-pox 1 1
Diabetes		1	Strangulation 1
Diarrhœa	•	1	Stricture of Œsophagus 1 Suicide Shooting 1 Nativity, etc.
Diphtheria	1	19	Buicket, Browning
Dropsy		1	Tetanus 1 United States 256
Disease of Heart	ı	1	" Neonatorum 1 Foreign 95
Drowned			Tumor of Brain
Dysentery		1	Uræmia 2 People of Color 20
Effusion of Brain	ı	1	TOTALS216 141
4 Heart	_		
Emphysema			
Erysipelas		2	35-1
Fatty Degen. of Heart			Males
Fever, Catarrhal		1	Of the above there were: Females
Maiailai		1 9	Under 1 year 55 Boys 68
- Scarlet		3	From 1 to 2
1) protection		1	D. D. A.
Fracture of Skull	1	1 - 1	20 10
Gout			10 to 15 8
Gangrene		1	Females 1
Heart Clot Hemorrhage, Bowels		- 1	" 20 to 30 37 37 Total 4
" Lungs			" 40 to 50
Hooping-cough	1 -		" 50 to 60
Hypertrophy of Liver		"	# co to 00
Infla'mat'n, Brain		7	" 70 to 70 8
" Bronchi		4	" 80 to 90 17 Females 9
Kidneys		7	" 90 to 100
	"		

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

WEEK ENDING SATURDAY, DECEMBER 1, 1883.

STATE OF WEATHER.	
_	7.07 A.M. 8.07 P.M. 11.07 P.M.
11.07 P. M.	_
7.07 A. M 8.07 P. M.	L
70,11,07 F. M.	Ģ Ż
70.7 × × × × × × × × × × × × × × × × × × ×	;
.M. 70.	.g
'PK	. V
	m'aiM
	Mean Daily Value, Max'm,
	11.07 P. M.
	8.07 P. M.
	70.7 .MA
	Mean Daily Value.
DAKOM KIKK.	11.07 P.M.
DARO	3.07 P. M.
	7.07 A. M.
•	1883. NOVEMBER.

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

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WEEK ENDING SATURDAY, DECEMBER 8, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	MINORS.	DEATHS IN RACH WARD.
Abscess of Bowels	1		Inanition	1 2	First
Alcoholism	8	*****	Marasmus	8	Second 11 Third 6
Aneurism of Aorts	1		Measles	8	Fourth 12
Apoplexy	10	****	Neuralgia of Heart	2	Fifth 8
Asphyxia		1	Old Age 1	1	Sixth
Asthma	1		Obstruction of Bowels	1	Eighth 9
Bright's Disease	5	1	Ossification of Heart	1	Ninth 5
Burns and Scalds	2	2	Paralysis	8 8	Tenth 5 Eleventh 7
Cancer of Breast	1	****	Poisoning, Laudanum	1	Twelfth 2
" Uterus	1	***		1	Thirteenth 9
« Vagina	1	•••••		1	Fourteenth 9 Fifteenth 11
Casualties	4	•••••	Scrofula	1 1	Sixteenth 6
Cerebro-spinal Meningitis	1	1	Softening of Brain	1	Seventeenth 5
Congestion of Brain	2	5	Small-pox	1	Eighteenth 14 Nineteenth 81
" Lungs	5	2	Suicide, Hanging	1	Twentieth 8
Cholera Infantum	•••••	1.	Tabes Mesenterica		Twenty-first 3
Cirrhosis of Liver	2		Tumor, Ovarian	2	Twenty-second 12 Twenty-third 10
Collapse of Lungs	•••••	1	Ulceration of Tonsils	1	Twenty-fourth 91
Consumption of Bowels	1	•••••	. TOTALS 18	9 151	Twenty-fifth 19
" Lungs	43	6	. IUTALS	101	Twenty-sixth 12 Twenty-seventh. 21
Convulsions		16	ļ		I T WEDLY-CIGOLO 11
Caroup		19			Twenty-ninth 15
Cyanosis		1			Thirtieth 9 Thirty-first 10
Debility	6	1			*Municipal Hespital, 0.
Diarrhœa	2	1			Artemetripes membren, e.
Diphtheria		18	_		K ,
Dropsy	1	2	•	1	. Nathata, ata
" Abdominal	•••••	1	•	- '	Nativity, etc.
" of Heart		2			
" Lungs	1			- 1	United States 264
Disease of Heart	19			- 1	Foreign 68
" Liver	1			- 1	Unknown 13
Effusion of Brain	•••••	1		- 1	People of Color 20
Emphysems	1			- 1	
Erysipelas		1		- 1	[
Enlargement of Heart	1	[]		1	
" Liver	1			1	Males 171
Fatty Degen. of Heart	1	 	Of the above there were:	- 1	Females 169
Fever, Scarlet		12	Under 1 year	52	Boys 78
" Typhoid	8	1	From 1 to 2		Girls
Hooping-cough		1	" 2 to 5		
Infla'mat'n, Brain	2	5	" 5 to 10		Premature Birth.
" Bronchi	1	5	" 10 to 15		
" Kidneys	8	1	" 15 to 20		Males 2
" Larynx		4	" 20 to 80		Females
" Liver		1	" 30 to 40		Total 5
" Lungs	18	13	" 40 to 50		
" Pericardium	1		" 50 to 60		Still-Born.
	1		" 60 to 70		
		1			Males 18
" Peritoneum.	2	6	* 70 to 80	'2'2	
" Peritoneum. " S. & Bowels	_	6	70 10 00		
" Peritoneum. " S. & Bowels	2 1 1	6	70 00 00	12	

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE WERK ENDING SATURDAY, DECRMBER 8, 1883.

	RAIK,	텱	8	8	&	7.	ş.	8	*	1 3
	WER.	A. M. 11.07 P. M.	Clear.	Clear.	Cloudy.	Clear.	Clear.	Cloudy.	Cloudy.	j
	STATE OF WEATHER.	8.07	Fadr.	Clear.	Clear.	Fair.	Clear.	Fair.	Lt. Bain.	
	Brati	7.07 A. M.	Cloudy.	Clear.	Clear.	Cloudy.	Clear.	Clear.	Lt. Bain.	
	ËĠ	11.07 P. M.	•	64	60	•	61	*	10	
	VELOCITY OF WIND.	8.07 P. M.	91	=	*	6	ю	4	10	
	V A	70.7 70.7	ю	•	-	4	9	*	4	<u> </u>
•	107	11.07 .Mq.	N.W.	N.W.	B.W.	N.W.	턻	ᆆ	ත්	
	Direction of Wind.	8.07 P. M.	M.W.	N.W.	ಹ	S.W.	Z.Z	턲	තේ	
	Dus	70.7 .MA	ß.W.	N.W.	B.W.	8.₩.	N.W.	क इं	8.W.	
	Y.	11.07 P. M.	4	8	22	28	28	8	88	
,	RELATIVE HUMIDSTY.	8.07 P. M. 9	15	2	38	11	92	8 8	8	
	器品	70.7 M.A	8	2	7	88	\$	2	28	[
		.au'aiM	8	8	ಷ	3	\$	8	22	
	gi	.m'xsM	\$	\$	3	8	\$	12	57	1
	Тневмометев	Mean Daily Value.	41.1	36.1	41.6	48.6	48.6	48.7	3	3
	ER	11.07 P. M.	8	3 3	4	\$	7	28	18	<u> </u>
	Æ	8.07 P. M.	\$	*8	*	8	47	28	8	
		70.7 .M.A	. 3	22	\$	3	\$	\$	26	
		Mean Daily Value.	29.87	30.28	30.25	30.11	30.49	30.46	30.28	30.24
	Вавоиетев.	11.07 P. M.	30.09	30.33	30.17	30.18	30.58	30.37	30.15	
	Ваво	8.07 P. M.	29.88	30,30	30.24	30.05	30.48	30.46	30.17	
		7.07 A. M.	89.68	30.24	30.35	80.12	80.40	30.56	87.08	
	Day.	ER.	બ	ల్	4	P,	9	۲.	æ*	
	Month and Day,	1883. DECEMBER	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Меапь

The surface of the mercury in the cistern of Barometer is 92.1f9 feet above the mean level of the sea. Barometer corrected for temparature, elevation above sea, and instrumental error.

178 Week Ending Saturday, December 15, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS,	DEATHS IN EACH	H
Abscess of Brain	1		Infla'mat'n, Liver	1		First	24
" Gluteal	1		" Lungs		11	Second	11
Alcoholism	1		" Pericardium		2	Third	11 6
Aneurism of Aorta		1	" Peritoneum.	2	1	Fifth	10
Apoplexy			" S. & Bowels	3	8	Sixth	6
		2	Inanition	-	7	Seventh	10
Asphyxia	2		Jaundice		1	Eighth	8
Asthma	-		Malformation		1	Tenth	5
Bright's Disease	5		The State of the Control of the Cont	5000	-	Eleventh	5
Burns and Scalds	1	1	Marasmus		9	Twelfth	5
Cancer of Lung	1		Neuralgia of the Heart		1	Thirteenth	8
Neck	1		Old Age	200		Fifteenth	20
" Omentum	1		Obstruction of Bowels	1	1	Sixteenth	8
4 Pylorus	1		Paralysis			Seventeenth	8
" Stomach	1		Phlegmasia Dolens	1		Eighteenth	13
" Uterus	1		Pyæmia	2		Twentieth	15
Casualties	6		Scrofula		1	Twenty-first	11
Cerebro-spinal Meningitis		2	Small-pox	1	1	Twenty-second Twenty-third	11
Congestion of Brain	1	6	Suicide, Cutting Throat	1		Twenty-fourth	26
" Lungs	4		" Shooting	1		Twenty-fifth	19
		1	Syncope		2	Twenty-sixth	21
Cirrhosis of Liver	1		Syphilis		1	Twenty-seventh.	17
Consumption of Lungs	50	4	Tetanus, Neonatorum		1	Twenty-ninth	12
		10	Tumor of Brain	1		Thirtieth	12
			Uræmia		3	Thirty-first	-7
" Puerperal	1			1		Municipal Hospital,	0.
Croup		15	Wounds, Gunshot	1		571 6 8	35
	•••••	5	TOTALS	191	173	33 5 3	
Debility	4	1		_	-	Nativity, etc.	2
Diphtheria		32		-		Mativity, etc.	2
Dropsy	3	2			1	United States	271
" of Brain		3				Foreign	84
" Chest	2			- 1		Unknown	9
" Glottis	1				100	People of Color	14
" Heart	1				1000	Tropic of color	13
Disease of Heart	13	2			2.5	3 3	13
Drowned	1				1.1	9 1	3
Effusion of Brain	1				1111	3 8	8
Embolism of Brain	1		the state of the s		4000	Males	186
Erysipelas	1	1	Of the above there were		1- 1	Females	178
Fatty Degen. of Heart	4		Under 1 year		55	Boys	88
" Liver	1		From 1 to 2		26	Girls	85
Fever, Malarial	2	1			53	GIFIS	00
			2 00 0		10.7	Premature Birth.	표
" Remittent	2		5 10 10		23	Tremature Dirtin	-
Scariet	1	18	10 10 10		8	Males	3
T) Priore	3	4	" 15 to 20			Females	3
Fracture of Thigh	1		" 20 to 30		0.00		-
Hemorrhage, Brain	1		" 30 to 40		0.00	Total	6
" Lungs	2		" 40 to 50			OATH D	1
Infla'mat'n, Brain		5	" 50 to 60		23	Still-Born.	100
Inna mat n, Drain	-	2	" 60 to 70		26	Males	10
" Bronchi	2				1000		10
	2		" 70 to 80		26 1		
" Bronchi		1	" 70 to 80 " 80 to 90		26	Females	3
" Bronchi " Bladder	2 3		70 10 80		100 - 1		13

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA,

DURING THE WEEK ENDING SATURDAY, DROEMBER 15, 1883.

BAIN.	녎	इं		8	8	 8	<u> </u>	8	8
PHER.	11.07 P. M.	Clear.	Clear.	Cloudy.	Cloudy.	Hasy.	Padr.	Clear.	
STATE OF WEATHER.	3.07 P. M.	Fair.	Clear.	Cloudy.	Cloudy.	Clear.	Cloudy.	Clear.	
BTAT	7.07 A. M.	Cloudy.	Clear.	Fair.	Cloudy.	Clear.	Lt. Bain.	Clear.	
E.	11.07 P. M.	4	27	•	-	-	71	•	
VELOCITY OF WIND.	8.07	۰	2	•	7	v	*	11	
70	70.7 .MA	2	*	_	•	4	•	82	
f 0.	11.07 P. M.	N.W.	N.W.	B.W.	zi	S.W.	N.W.	Celm.	
DIRECTION (WIND,	8.07 P. M. T	N.W.	8.W.	*	×.	S.W.	¥	N.W.	
Dra	70.7 .MA.	N.W.	8.W.	N.W.	N.W.	S.W.	Calm.	N.W.	
Y.	11.07 P. M.	22	82	29	72	88	22	8	
RELATIVE HUMIDITY.	8.07 P. M.	92	5	28	22	22	22	2	
開出	70.7 .MA	3	8	2	83	ಪ	8	19	
	.m'atM	\$	8	8	88	8	\$	Ħ	
	Max'm.	- 13	25	Ş	\$	25	\$	\$	
Тневкометев.	Mean Daily Value,	45.6	42.5	41.7	41.0	3	£7.8	25.0	41.3
HEE	11.07 P. M.	3	7	3	8	4	3	*	
H	8.07 P. M.	*	3	\$	\$	22	8	8	
	70.7 .MA	3	8	8	4	8	4	*	
	Mean Daily Value,	30.26	30.18	30.06	80.21	30.04	28.66	30.03	30.06
BAROMETER.	11.07 P. M.	30.33	30.18	29.93	30.30	29.89	8.68	30.11	
BAROI	3.07 P. M.	30.25	30.06	30.02	30.24	30.02	29.57	30.02	
	7.07 A. M.	30.20	30.23	30.22	80.09	30.23	29.72	28.98	
Day.	ER.	6	10,	11,	£,	E,	*	15,	
Month and Day	1883. DECEMBER	Sunday,	Monday,	Tuesday,	Wed'sday,	Thursday,	Friday,	Saturday,	Means

The surface of the mercury in the cistern of Barometer is \$2.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

180 Week Ending Saturday, December 22, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH,	ADULTS.	MINORS.	DEATHS IN RAC	H
Abscess of Kidney	1		Infla'mat'n, Uterus	1		First	20
" Lumbar		1 1	Insuition	1	8	Second	18
Alcoholism	1		Jaundice	2		Third	10
Aneurism of Aorts	2		Marasmus		9	Fourth	10
Apoplexy	1 .		Measles		2	Sixth	ĕ
Bright's Disease	4		Old Age			Seventh	16
Burns and Scalds	1		Paralysis		1	Eighth Ninth	9 7
	i		Rheumatism of Heart			Tenth	5
Cancer of Breast	5				*****	Eleventh	1
" Stomach	4		Rupia		1	Twelfth	.4
Casualties	- 1	2	Scrofula		1	Thirteenth Fourteenth	1 0 3
Cerebro-spinal Meningitis		1	Septicæmia			Fifteenth	20
Child-birth	1	······	Sore Mouth		1	Sixteenth	16
Congestion of Brain	8	4	Softening of Brain			Seventeenth	11
" Lungs	1	2	Small-pox		3	Eighteenth Nineteenth	15 26
Cholera Infantum		2	Suffocation		1	Twentieth	14
Cirrhosis of Liver	3		Suicide, Cutting Throat	1	*****	Twenty-first	7
Consumption of Lungs	45	2	" Hanging	1		Twenty-second	12
Convulsions	ļ	18	Teething		1	Twenty-third Twenty-fourth Twenty-fifth	4 16
Croup		17	Ulceration of Bowels			Twenty-fifth	28
Cyanosis		1	Uræmia	1	1	Twenty-sixth	15
Debauch		-		-		Twenty-seventh.	11
	5	6	TOTALS	193	182	*Twenty-eighth Twenty-ninth	15 20
Debility	1	-		 ==	-	Thirtieth	9
Diabetes	_				- [Thirty-first	9
Diarrhœa	2					*Municipal Hespital.	0.
Diphtheria	1	27	ŧ				••
Dropsy	•••••	1	i				
" of Brain		1			- 1	Madiulau ata	
" of Brain " Lungs	1 -	1				Nativity, etc.	
OI DIMIL	1 -	1					
" Lungs	2 2	3				United States	299
" Lungs Disease of Brain " Heart	2 2 14					United States Foreign	299 79
" Lungs Disease of Brain " Heart	2 2 14 1	3				United States	
" Lungs Disease of Brain " Heart " Liver " Kidneys	2 2 14 1					United States Foreign	79
" Lungs Disease of Brain " Heart " Liver " Kidneys	2 2 14 1 1 2	3				United States Foreign Unknown	79 6
" Lungs Disease of Brain " Heart " Liver Kidneys Drowned	2 2 14 1 1 2	3				United States Foreign Unknown	79 6
" Lungs Disease of Brain " Heart " Liver " Kidneys Drowned	2 2 14 1 1 2 	3				United States Foreign Unknown	79 6
" Lungs Disease of Brain " Heart " Liver " Kidneys Drowned Effusion of Brain Erysipelas Fever, Puerperal	2 2 14 1 1 2 	3	Of the above these			United States Foreign Unknown People of Color	79 6 16
" Lungs Disease of Brain " Heart " Liver " Kidneys Drowned Effusion of Brain Erysipelas Fever, Puerperal " Remittent	2 2 14 1 1 2 1 1	3 1 1	Of the above there were			United States	79 6 16
" Lungs	2 2 14 1 1 2 1 1 1	3 1 1 1	Under 1 year		53	United States	79 6 16 202 173
" Lungs	2 2 14 1 1 2 1 1 1 1 5	3 1 1 17 6	Under 1 yearFrom 1 to 2	•••••	27	United States	79 6 16 202 173 101
" Lungs	2 2 14 1 1 2 1 1 1 1 5	3 1 1 17 6	Under 1 year From 1 to 2	•••••	27 56	United States	79 6 16 202 173
" Lungs	2 2 14 1 1 2 1 1 1 5 1	3 1 1 17 6	Under 1 year From 1 to 2	•••••	27	United States	79 6 16 202 173 101 81
" Lungs Disease of Brain " Heart " Kidneys Drowned Effusion of Brain Erysipelas Fever, Puerperal " Scarlet " Typhoid Gangrene Hemorrhage, Brain " Lungs	2 2 14 1 1 2 1 1 1 1 5 1 1 2	1 1 1 6	Under 1 year		27 56	United States	79 6 16 202 173 101 81
" Lungs	2 2 14 1 1 2 1 1 1 1 5 1 1 2	3 1 1 17 6	Under 1 year		27 56 29	United States	79 6 16 202 173 101 81
" Lungs	2 2 14 1 1 2 1 1 1 1 5 1 1 2 1	1 1 1 6	Under 1 year		27 56 29 6	United States	79 6 16 202 173 101 81
" Lungs	2 2 14 1 1 2 1 1 1 1 5 1 1 2 1	1 1 1 	Under 1 year		27 56 29 6	United States	79 6 16 202 173 101 81
" Lungs	2 2 14 1 1 2 1 1 1 1 1 2 1 1 1 1 2 1 1 1 1	3 1 1 17 6 	Under 1 year		27 56 29 6 9	United States	79 6 16 202 173 101 81
" Lungs	2 2 14 1 1 2 1 1 1 5 1 1 2 1 1 2 2 1 2 2	1 1 1 17 6	Under 1 year		27 56 29 6 9 35 30 29	United States	79 6 16 202 173 101 81 5 0
" Lungs	1 1 1 5 1 1 2 2 3 3	1 1 1 1 17 6 1	Under 1 year From 1 to 2 " 2 to 5 " 5 to 10 " 10 to 15 " 15 to 20 " 20 to 30 " 30 to 40 " 40 to 50 " 50 to 60		27 56 29 6 9 35 30 29 31	United States	79 6 16 202 173 101 81 5 0
" Lungs	2 2 14 1 1 2 1 1 1 5 1 1 2 1 1 2 3 1	1 1 1 1 17 6 1 10 5	Under 1 year		27 56 29 6 9 35 30 29 31 28	United States	79 6 16 202 173 101 81
" Lungs " Heart " Heart " Liver " Kidneys Drowned Effusion of Brain Erysipelas Fever, Puerperal " Remittent " Scarlet " Typhoid Gangrene Hemorrhage, Brain " Lungs " Umbilical Hypertrophy of Heart Infla'mat'n, Brain " Bronchi " Larynx " Lungs	2 2 14 1 1 2 1 1 1 5 1 1 2 1 1 2 3 1 1 19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Under 1 year		27 56 29 6 9 35 30 29 31 28 26	United States	79 6 16 202 173 101 81 5 0
" Lungs	2 2 14 1 1 2 2 1 1 1 2 2 3 1 1 19 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Under 1 year		27 56 29 6 9 35 30 29 31 28 26 13	United States	79 6 16 202 173 101 81
" Lungs " Heart " Heart " Liver " Kidneys Drowned Effusion of Brain Erysipelas Fever, Puerperal " Scarlet " Typhoid Gangrene Hemorrhage, Brain " Lungs " Umbilical Hypertrophy of Heart Hypertrophy of Heart " Bronchi " Larynx " Lungs " Lungs " Bronchi " Larynx " Lungs " Lungs " Lungs " Pericardium	2 2 14 1 1 2 1 1 1 5 1 1 1 2 1 1 1 2 2 3 1 1 1 9 1 4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Under 1 year		27 56 29 6 9 35 30 29 31 28 26	United States	79 6 16 202 173 101 81 5 0

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

WEEK ENDING SATURDAY, DECEMBER 22, 1883.

ВАІЖ.	덈	8	8	8	¥i	8	धं	8.	3
HER.	M, 11.07 P. M.	Cloudy.	Clear.	Cloudy.	Cloudy.	Lt. Snow.	Clear.	Clear.	
STATE OF WEATHER	4	Lt. Snow. Cloudy.	Clear.	Cloudy.	Sleet.	Lt Snow. Lt. Snow.	Clear.	Fair.	
STATI	7.07 A. M. 8.07	Cloudy.	Cloudy.	Cloudy.	Lt. Snow. Sleet.	Cloudy.	Lt. Snow. Clear.	Cloudy.	
ž a	11.07 P. M.	64	61	•	•	∞	2	•	
VELOCITY OF WIND.	8.07 P. M.	10	2	•	7	**	21	60	il L
A O	70.7 .MA.	-	*	27	•	•	10	<u>.</u>	<u> </u> !
a 0 .	11.07 .M9	년 80	¥.	Calm.	zi	zi	S.W.	N.W.	
Direction of Wind.	8.07 P. M.	ß.W.	N.W.	S.W.	N.E	N.E.	N.W.	N.W.	
Q	7.07 M.A.	8.W.	Z.E.	ß.₩	zi Zi	Z.E	Z E	≱.	
TX.	11.07 70.11	80	5	75	8	8	7	8	
RELATIVE HUMIDITY.	8.07 P. M.	11	33	22	8	8	8	2	
HE	70.7 .MA	67	11	28	2	*	3	8	
	Min'm.	ន	88	8	88	8	8	ន	
藍	Max'm.	2	8	\$	3	8	8		
Thermometer.	Mean Daily Value.	88	80.0	88.9	32.2	27.7	80.2	24.1	30.3
HERBY	11.07 F. M.	8	8	3	8	8	83	ଛ	
Ĥ	3.07 P. M.	8	젊	3	8	8	*	8	
	70.7 .M .A	7	8	28	8	8	8	ន	
	Mean Daily Value.	30.02	29.90	30.04	30.23	30.38	30,10	30.40	30.15
Barometer.	11.07 P. M.	16.62	30.05	30.15	30.30	30.32	30.15	80.52	
BARON	3.07 P. M.	30.03	29.88	29.99	30.14	30.40	30.07	30°38	
	7.07 A. M.	30.12	29.76	86.98	30.21	30.42	30.08	80.30	
Month and Day.	1883. DECEMBER.	lay, 16,	Monday, 17,	Tuesday, 18,	Wed'sday, 19,	Thursday, 20,	ay, 21,	Saturday, 22,	Means
Mont	A D	Sunday,	Mon	Tue	Wed	Thu	Friday,	Satu	Mes

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

182 Week Ending Saturday, December 29, 1883.

CAUSES OF DEATH.	ADULTS.	MINORS.	CAUSES OF DEATH.	ADULTS.	MINORS.	DEATHS IN EAC WARD,	*
Abscess of Breast		1	Infla'mat'n, Brain	1	4	First	26
Alcoholism	3		" Bronchi		5	second	16
Aneurism of Aorta	1	l]	" Kidneys	3	1	Third	14 14
Apoplexy	7		" Larynx	 	8	F1fth	13
Asthma	2		" Liver			Six(h	0
Bright's Disease	5	1	" Lungs		18	Seventh	15 10
Burns and Scalds	2	<u>-</u> .	" Pericardium			Ninth	10
Cancer of Breast	ī		" Peritoneum.			Tenth	11
" Uterus	4		" S. & Bowels	I	3	Eleventh Twelfth	7 5
Casualties	5		" Tonsils	_	l i l	Thirteenth	11
Cerebro-spinal Meningitis	_	1	Inanition		7	Fourteenth	9
Congestion of Brain	2	5	Malformation		1	Fifteenth	20 11
" Kidneys	1		Marasmus	1	14	Seventeenth	6
" Liver	1		Measles	_	4	Eighteenth	15
" Lungs	2	3	Murder	2		Nineteenth	82
Cirrhosis of Liver	5		Neuralgia of the Heart	1		Twentieth Twenty-first	18 11
Compression of Brain	1		Old Age	19		Twenty-second	5
Consumption of Lungs	46	4	Paralysis	7		Twenty-third	10
Convulsions	1	19	Pyæmia	2	·····	Twenty-fourth Twenty-fifth	25 26
	_	24	Rheumatism	1		I Wenty-girth	14
Croup		6	" of Heart	1		Twenty-seventh.	28
Cyanosis		4	Scrofula	2		*Twenty-eighth Twenty-ninth	6 20
Debility	5	- 1	Sclerosis of Liver		2	Thirtieth	13
Diabetes	2					Thirty-first	14
Diarrhœa	1		Shine			Municipal Hospital	. 1.
Diphtheria		21	Septicæmia		2	_	•
Dropsy	8		Shock		1		
or Brain		1	Small-pox		2	Nativity, etc.	
neart	2		Softening of Brain		1	Madvity, etc.	
Kidneys	1		Suicide, Cutting Throat	1		United States	306
Disease of Brain	2		" Jmpg from window	ł	·····	Foreign	109
- Heart		3	Syncope		1	Unknown	10
Kluneys	1		Syphilis		1	People of Color	26
Spine		1	Uræmia	1		From Municipal	
Drowned	1		TOTALS	236	189	Hospital	1
Effusion of Brain	•••••	1		=	=		
Emphysema	1				1		
Empyema		1			1 1	Males	208
Epilepsy	1		Of the above there were		1	Females	217
Erysipelas	1	1	Under 1 vear		73	Boys	106
Enlargement of Heart	2		From 1 to 2		27	Girls	88
Fatty Degen. of Heart	2		" 2 to 5		49	<u> </u>	
Fever, Catarrhal		1	" 5 to 10	· · · · · · ·	25	Premature Birth	•
" Puerperal	1		" 10 to 15		8	36-1	_
Scarlet		14	" 15 to 20		7	Males	8
" Typhoid		2	" 20 to 30		44	Females	8
Fracture of Thigh	1		" 30 to 40		36	Total	6
Gangrene of Lung	1		" 40 to 50		40		
	1		" 50 to 60		22	Still-Born.	
Hemorrhage, Lungs		1	" 60 to 70		40		
Hemorrhage, Lungs ** Stomach							
Stomach Throat	1		" 70 to 80		83	Males	
" Stomach " Throat	1	I - I	70 00 80		83 13	Males	9
" Stomach	1		70 00 80		1 1		

METEOROLOGICAL OBSERVATIONS TAKEN AT THE SIGNAL OFFICE, PHILADELPHIA, DURING THE

WEEK ENDING SATURDAY, DECEMBER 29, 1883.

RAIK.	ij	8	Z.	ą.	8	8	8	8	1.78
THER.	11.07 P. M.	Hy. Sn'w	Clear.	Clear.	Cloudy.	Cloudy.	Clear.	Clear.	
R OF WEATHER.	8.07 P. M.	Threat'g.	Cloudy.	Lt. Rain.	Clear.	Lt. Rain.	Clear.	Clear.	
STATE	7.07 A. M.	Cloudy.	Lt. Rafn.	Cloudy.	Clear.	Lt. Redn.	Clear.	Clear.	
E e	11.07 P. M.	81	•	89	-	77	₹ .	4	
VELOCITY OF WIND.	8.07 P. M.	œ	ю	91	61	•	•	, -	
V E	70.7 .MA.		•	9	61	••	7	69	
â O	11.07 P. M.	z	S.W.	N.W.	N.E	₩.	₩.	N.W.	
DIRECTION C WIND.	8.07 P. M.	zi zi	8.W.	Z.	≓ ∞	.≱	N.W.	변 80	
DIR	70.7 .MA	×		Ä.	N.W.	N.E.	N.W.	N.W.	
HA.	11.67 P. M.	8	7	78	28	25	51	273	. I
RELATIVE HUMIDITY.	3.07 P. M.	8	74	100	11	90	. 8	53	
H	70.7 .MA.	88	28	78	88	96	2	11	
	.m'nìM	9	12	8	32	\$	23	8	
l e	Max'm.	ន	88	8	88	4	24	4	
Тневмометев	Mean Daily Value,	· \$1	34.5	35	36.0	39.3	30.8	34.3	31.8
HEBY	11.07 M. A	. 2	8	ಪ	37	2	8	**	
E	8.07 .MT	<u> </u>	8	8	*	4	\$	8	
	70.7 .M. A	25	8	8	82	8	22	8	
	Méan Daily Value.	80.54	29.95	29.95	30.14	29.68	30.07	30.26	30.09
BAROMETER.	11.07 P. M.	80.33	20.98	29.88	30.13	29.59	30.20	30.23	
BAROI	8.07 P. M.	30.63	29.90	29.87	30.17	29.51	30.10	30.26	
	7.07 A. M.	30.66	29.96	30.02	30.14	28.95	29.91	30.29	
Month and Day.	1883. DECEMBER.	Sunday, 23,	Monday, 24,	Tuesday, 25,	Wed'sday, 26,	Thursday, 27,	Friday, 28,	Saturday, 28,	Means

The surface of the mercury in the cistern of Barometer is 92.119 feet above the mean level of the sea. Barometer corrected for temperature, elevation above sea, and instrumental error.

TABLE XIII.

Marriages, births, and deaths for each month during the year 1883.

1883. Months.	Marriages.	Births.	Deaths.
January	702	1,839	2,921
February	598	1,803	1,500
March	581	1,768	1,678
April	740	1,572	1,644
May	744	1,506	1,800
June	668	1,682	1,466
July	520	1,945	1,987
August	544	1,874	1,9 9 8
September	736	1,849	1,421
October	807	1,833	1,657
November	851	1,748	1,400
December	740	1,813	1,504
Total	8,231	21,287	20,076

Premature births and still-born excluded.

Marriages, 9.07 in every 1,000 of the population.

Births, 23.41 " " " " " Deaths, 22.13 " " "

TABLE XIV.

Total deaths from Fevers each week during the year 1883.

		1883.				ģ.	tent.		r.	-	II.			
·	W	eeks ending	Billious.	Brain.	Catarrhal.	Continued.	Intermittent.	Malarial.	Malignant.	Puerperal.	Remittent,	Scarlet.	Typhoid.	Tenhua
	_			1				1			2	13	7	-
anuary "	13											11	15	
u	20							1		1		6	12	
"	27							1				8	10	
ebruary	. 5					1		1				9	13	
#	10)						•••••				8	8 11	
	24						•••••	2		1		7	11	
larch	47		11					1		i	2	5 7	13	
44	10)					•••••	1 .	••••	li		ý	14	
~	17	·						1		1		2	īī	١
u	24						1			2		10	18	1
"	31						1					5	20	
pril		·····			ļ	•••••		4	•••••			15	15	
pril "	14					•••••	1	1	•••••	1		9	17	
"	21			•••••	ļ	•••••		6		•••••		10	6	
ay	20	`		1		•••••	•••••	2	•••••		·····	15	8	-
ii.	19	·					•••••	3				12	5	1
	19							2				6	6	1
" .	20			1			2					14	12	ı
une	2							3				18	11	1
u	٤) 			ļ. 		•••••	2 2				10	10	1
"	16			1	-			2		2		22	9	l
"	20	}			 -		•••••	2	•••••	1		12	4	
ul y	30)						2		li		21 14	8	"
u y	14			•••••	·····		•••••	2	•••••	2		11	14	1
"	21							1				- 9	10	١
"	28											9	12	I
ug ust	4	ł					1	3				9 7 7	10	1
"	11	L							2			7	11	ļ
"	18						•	8	•••••	1	1	3	15	ļ
	24					•••••	•••••	1		1		8 10	16 11	
eptembe	r)	}				*****	•••••	1		i	1	18	12	 '''
u	1	·						i		i	i	10	10	1
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ctober	.6				1			1		1		5	.8	ļ
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ovembe	27	L	1				•••••	1	2	2		10 12	15	
олешре		·					•••••	•		1	1	13	7	l
44								1			i	17	12	1
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ecembe					1			i				9	8	ļ
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u	22		····							1	1	18	11	···
**	29		l	1	1	ı			1	1	1	14	12	i

186
TABLE XV.—CHOLERA INFANTUM, JUNE, 1883.
Deaths per Diem, with Meteorological Observations, &c.

oq .	Hem.	Тн	ERMONET	ER.	BAROMETER.	, i	rinds.
Days of the month.	Deaths per diem.	Mean daily value.	Maximum.	Minimum.	Mean daily value.	Rain, inches.	Prevailing winds
1	1	65.8	73	57	30.34		N,
2		66.3	76	58	30.45		E.
8	1	68.0	76	51	30.28	.08	8. E.
4	1	74.5	82	66	30,19	.41	8. W.
5	1	79.0	87	68	80.16	.00	8. W.
6		78.0	88	72	30.04		8. W .
7	3	78.2	88	72	29.86	1.28	8. W.
8	1 1	75.3	83	68	29.91		8. W.
9		. 76.2	84	69	29.91		8.
10	4	80.3	89	72	29.82	.12	8. W.
11	5	76.7	85	69	29.74	.39.	w.
12	3	74.7	82	64	29.87		s. w.
13	1.	89.7	83	67	29.79	.15	w.
14		66.7	74	59	30,18		N.E.
15	1	68.7	78	61	30.28		w.
16	3	68.7	78	61	80,19	.01	8.
17	8	70.0	77	63	30,10		w.
18	4	67.3	71	65	30.01	.66	E.
19	8	76.0	87	67	29.79	.91	8. W.
20	5	76.5	81	70	29.80		W.
21	3	74.2	80	67	29.89		s. w.
22		74.5	81	67	29.99		N.
23	8	75.8	84	65	30.01		N. E.
24	6	76.8	86	69	30.02		S. E.
25	6	75.0	83	67	29.99		S. E.
26	7	77.0	83	71	29.97	.12	8. E.
27	5	70.5	78	65	29.88	1.67	N. W.
28	7	74.7	83	65	29.96		8.
29	5	77.2	85	71	29.86		w.
30	11	73.3	83	65	29.88	.08	N. W.

TABLE XVI.—CHOLERA INFANTUM, JULY, 1883.
Deaths per Diem, with Meteorological Observations, &c.

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94	Hem.	Ти	ERMOMET	ER.	BAROMETER.		winds
Days of the month.	Deaths per diem	Mean dally value.	Maximum.	Minimum.	Mean daily value.	Bain, inches.	Prevailing winds.
1	11	66.7	75	56	80,14		s. w.
2	10 .	78.2	87	64	30.00		s. w.
8	21	83.5	92	74	30.10		w.
4	22	84,3	93	74	80,10		s. w.
5	24	81.8	89	73	30.09		8. W.
6	30 .	84.9	98	74	80,08		w.
7	31 .	85.8	94	77	29.87		8. W.
8	27	74.3	87	68	29.86	1.08	N. E.
9	18	66.5	72	61	30.08	.02	N. E.
10	11 .	72.0	78	67	30.03		8.
. 11	12	75.2	83	65	29.97		s. w.
12	.8	77.3	85	70	29.84		8. W.
. 13	12	76.5	85	70	29.79		w.
14	18	77.0	83	67	29.89		w.
15	15	78.8	86	72	29.83	.06	8.
16	14	79.2	86	70	29.96		N. W.
17	18	80.0	91	74	29.97	.35	8.
18	16	75.2	81	70	80.11		N. W.
19	6	71.7	77	64	80.13	.08	w.
20	10	70.7	78	68	30.20		N.
21	12	75.8	82	66	30.21		8.
22	16	82.2	92	78	80.07		s. w.
28	21	82.3	91	76	29.92		N. W.
24	16	68.8	78	64	29.82	.06	N. E.
25	10	71.8	79	64	29.92	.01	N. E.
26	13	74.2	82	67	30.06		8.
27	13	77.0	85	67	30.13		s. w.
28	13	76.2	85	70	29.96		s. w.
29	12	69.8	79	66	29.87	.12	N. W.
30	10	68.0	78	63	29.96		s. w.
81	11	70.5	81	64	29.95		8. W.

TABLE XVII.—CHOLERA INFANTUM, AUGUST, 1883.
Deaths per Diem, with Meteorological Observations, &c.

9 .	Hen.	TH	ERMOMET	RR.	BAROMETER.	,	rind
Days of the month.	Deaths per diem.	Mean daily value.	Meximum.	Minimum.	Mean daily value.	Rain, inebea	Prevalling winds.
1.	9	76.7	85	67	30.00		s. w.
2	12	70.8	76	67	29.78	2.86	N.
8	11	71.5	80	65	29.84		w.
4	5	69,0	76	61	30.04		N. W.
5	12	70.0	79	62	80.11		w.
6	8	70,8	77	63	30.16		N. W.
7	12	70.3	78	63	30.19		N.
8 ·	9	71.5	79	68	30.17		N.
9	4	72.8	81	64	30,11		N. E.
10	8	71.0	78	64	30.08		N.E.
11	4 -	72.0	79	63	80.08		N.E.
12	8	78.0	81	62	29,97		N.
18	7	78.7	86	67	29.98	<u>'.</u>	8. W.
14	5	71.2	78	65	30.18		N.
15	5	66.8	70	63	30.24	.10	N. E.
16	5	62.8	68	62	80.05	.27	N. E.
17	7	70.0	78	60	30.09		w.
18	6	76.3	85	67	30.06		s. w.
19	9	75.0	86	71	29.98	.15	8. W.
20	7	80.5	90	70	29.93		s. w.
21	9	79.8	87	76	30.00		w.
222	2	79.8	89	71	30.06		8.
23	8	79.8	90	70	29.95		8.
24	9	74.0	81	71	29.99		N.
2 5	1	70.4	78	62	30.02		W.
26	8	72.8	81	64	80.17		N. W.
27	8	67.0	75	59	30.24		E.
28	5	67.5	76	57	30.07		N. E.
29	2	66.7	72	62	29.91	.02	N. E.
30	6	67.5	73	63	80.06		N. E.
81	4	69.5	78	61	80.15		N.

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TABLE XVIII.—CHOLERA INFANTUM, SEPTEMBER, 1883.

Deaths per Diem, with Meteorological Observations, &c.

1 2 8 4 5 6 7 8 9 10	Deaths per diam.	70.0 69.2 64.3 64.2 66.5 63.8	79 80 71 74 74	.mnæjujW 62 63 65 53	Mean daily 480.18 29.99 30.07	Rain, inches.	S H Prevailing winds.
2 8 4 5 6 7 8	4 1 2 2 8	69.2 64.3 64.2 66.5 63.3	80 71 74	63 6 5	29.99	.10	
3 4 5 6 7 8 9	1 2 2 3 - 8	64.3 64.2 66.5 63.3	71 74	65	į .	.10	8. W.
4 5 6 7 8	2 2 8 - 8	64.2 66.5 63.8	74	1	80.07	} I	
5 6 7 8 9	2 8 - 8	66.5 63.8		go.	1	••••	N. W.
6 7 8 9	8 - 8	63.8	74	90	80.11		8. W.
7 8 9	- 8			61	80.09		w.
8		!	71	53	80.17		N.
9	8	66.2	76	57	30.01		8. W.
i		68.2	81	60	30.00		w.
10	2	55.7	65	48	80.81	.08	N.
		56.5	66	'44	30.39		N. E.
11	1	57. 8	64	51	30.23	.25	N. E.
12	1	59.5	62	55	30.04	70	N. E.
18	1	67.7	70	61	30.04	.21	s. w.
14	8	74.0	81	67	80.18		s. w.
15	8	78.0	79	67	30.13		N. W.
16		72.3	80	62	30.00		W.
17	2	71.8	82	65	29.92	1.05	₩.
18	1	61.3	67	56	30.22	.10	N. E.
19		68,6	72	56	30,39		N. E.
20		66,3	74	57	80.09		N. E.
21	1	67,5	78	60	30.02		N.
22		61,8	69	57	30.20		E.
23	2	61,5	66	57	30,14		N. E.
24	2	64.3	69	61	29.72	1.19	E.
25	8	62.2	71	55	29.78		w.
26	1	54.9	62	49	80.15		N. W.
27	1	60.7	69	50	30.11		s. w.
28	1	65.8	77	61	30.07	.25	8. W.
29 .		59.2	64	53	30.18		E.
30	2	66.0	76	56		1	

TABLE XIX.-Metrorological Summary for the year ending December 31, 1888.

	ED SNOM.			BAI	INCHES	Total	2.24 2.24 2.24 2.24 2.24 2.24 2.24 2.24	39.17	
, Pa.	WIND.	ĐN A7	HOOBI	nah. Pocity Indu	AK	Miles:	82822882888	•	•
delphia				TOTAL		Miles.	6,084 6,084 6,084 6,731 6,731 6,738	637,14	8
Station, Philadelphia, Pa.	SELF-REGIS- TERING IN- STRUMENTS. (Set daily at 11 P. M., Washing- ton time.)	BOVE			-wnw	iai M	98.22.23.25.25.25.25.25.25.25.25.25.25.25.25.25.	•	Highest Lowest 94. 9.
Station	SELF- TERIN STRUN (Set da P. M., W	RLEVATION OF THERMOMETER BULBS ABOYE GROUND, 54.459 FERT.			runun	xaM	52 52 52 52 52 52 52 52 52 52 52 52 52 5	8	Highest 94.
۲ و٠	JRE.	CASS FER		.m.	ipja m	Mon	88.5 87.5 87.7 87.7 87.7 87.7 87.7 87.7	642.7	58.56
Magnetic variation, 5° 30′ 0″.	MEAN TEMPERATURE	OF THERMOMETER BI GROUND, 54.459 PERT	time.	11 P. M.		P. M.	88.85 8.85 8.85 8.85 8.85 8.85 8.85 8.8	625.2	52,10
rariatio	N TEM	ATION O	Washington time,	8 P. M.	Local time.	3.08 P. M.	82.6 82.7 82.7 82.7 80.4 80.4 60.9 60.9	705.8	58.82
gnetic	MEA	RLEV	Wasi	7 A. M.	1	7.08 A. M.	28. 24. 28. 38. 38. 38. 77. 72. 72. 73. 84. 84. 84. 84. 84. 86.	597.1	49.76
	ental	E MEAN		rved.	984 obse	WOJ	29.467 29.2620 29.169 29.550 29.554 29.541 29.319 29.319 29.672 29.319	9	Lowest 29.169
. 51′ 0′	IR, instrum	RN ABOVI		erved.	eqo şeər	(3iH	80.541 30.681 30.418 30.360 30.271 30.273 30.158 80.371 80.371 80.542 80.542	9	Highest Lowest 30,681 29,169
gton), 1	ROMETE ture and only.)	ER CISTE 92.119 FR	٠.	. "1748	ipja w	Mon	80.101 29.882 29.882 29.886 29.905 29.905 29.905 29.905 30.077	\$59.924	29.998
Washin	MEAN BABOMETER, (Corrected for temperature and instrumental error only.)	ELEVATION OF BAROMETER CISTERN ABOVE MEAN SEA-LEVEL, 92.119 FRET.	dim 6.	11 P. M.	di	11.08 P. M.	30.108 30.108 20.898 20.898 20.903 20.995 30.085 30.085	859.981	29.998
ast of	. MB	TON OF B	Washington time,	3 P. M.	Local time.	9.08 P. M.	80.079 80.079 80.079 80.079 80.043 80.043 80.044	359,596	29.966
Longitude (east of Washington), 1° 51′ 0″.	(Corr	ELEVAT	Wasi	7 A. M.	1	7.08 A. M.	80.177 29.928 29.928 29.948 29.948 29.939 29.939 30.021 80.104	360.194	80.016
Latitude, 39° 57' 0''. Longi		,	MONTH. 1883.				January February February Aparh Aparh May June July September September November	Sams	Annus! means

	REMARKS.			Lunar halo, 18; frost, 2 and 30. {Solar halo, 29; lunar halo, 20, 22, 25; last snow of winter, March 23. Lunar halo, 14, 19, 29, and 30. Solar halo, 20, 21, and 22. Lunar halo, 20, 21, and 22. [Lunar halo, 16, 19, 20; frost, 10, in surrounding country. First snow, 12; killing frost, 18. [Lunar halo, 18; frost, 4 and 10; heavy snow storm, 23 and 24.	
١.	ure above 90°.	ım temperat	mixsM	000000000000000000000000000000000000000	1.9
NUMBER OF DAYS	ite below 82°.	darieqmed mi	Minim	255-000004 4	20.8
Ą.	ure below 32°.	darequiet mi	mixaM	8 - 4 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0	7
9	t or melted snow, to 11.08 P. M.	or more rati M. H 80.11 i	dont 10, nort	116 110 110 110 110 110 110 110 110 110	85.6
BEB			CJonq∡•	\$1000000000000000000000000000000000000	77
Ē			Fair.	2117212121 2117212121 21172121 21172121 21172121 21172121 21172121 21172121 21172121 21172121 21172121 21172121 211721 21	2
			Clear.	8411-20408-2017 82	25
		of calma.	Митре	1040000000 t 8	2.6
		. 2	.W. W.	222 881 18 8 18 18 18 18 18 18 18 18 18 18	8.8 20.6 2.6
	N.B.	KVKD only	.W	FFF4800F64F 0 8 -	888
·	OTT	THE HODE	.W8	250 250 250 250 250 250 250 250 250 250	9
1	IRE	MON	.8	12277244000 4 77	2.0
l	WIND DIRECTIONS.	NUMBER OF TIMES OSSERVED BLOWING FROM THE— (3 telegraphic observations only.)	S.E.	66 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	6.0
ļ	WIN	owin sphi	E	₩₽₩₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽	4.0
1		BLC BLC elega	N.E.	80 112 22 22 11 0 20	18.8
1		8 to 5	'N	118 8 8 1	9.9
		1	Mean.	26.95 6.92.2 6.92.2 6.92.2 7.92.8 8.93.2 7.92.0 7.00 7.00 7.00 7.00 7.00 7.00 7.00 7	78.1
	RELATIVE HUMIDITY.	PERCENTAGE OF-	ъ. ж.	88.88 8.88 8.88 8.88 8.88 8.88 8.88 8.	82.3
	RELATIVE HUMIDITY	CRCENT	ъ.м.	70.9 60.14 60.14 72.7 72.6 73.6 73.6 73.6	70.0
		Ä	ж.х	7.5.1 2.0.6 2.0.6 2.0.6 2.0.7 2.0.7 2.0.6	82.0
	NESS.		Мевп.	8.00 8.44 4.44 8.50 0.00 8.45 6.75 6.75 6.75 6.75 6.75 6.75 6.75 6.7	4.7
	EAN	•	ъ. м.	04.00.4.4.0.1.00.4.0.4.0.0.4.0.0.4.0.0.4.0.0.4.0.0.4.0	4.2
	MEA		ъ.ж.	6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0	5.0
	უ		.M.A	# # # # # # # # # # # # # # # # # # #	4.9
	MONTH.	1990.		January February April April May June Julue Julue September October November Berember	Annual means

TABLE XX.

Total Deaths from Typhoid Fever from 1861 to 1883, inclusive, by Wards.

	28 29 30		-	Ì				•	•	:	:	•	:	:	:
	8 8 88			-;	÷	-	<u> </u>		ļ	<u>.</u>	<u> </u>	-	<u> </u>	÷	_
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	22			_	<u> </u>	-	9	#	10	11	<u>s</u>	8	16	=	17
	28			<u>.</u>	:	+14	-	-	-		8				
	28	. :	*	5 15	13	2 10		6	- 2	6 15	-		119	-	23
	8		16 41	- <u>8</u>	-6	11 65	2	- 6	- 6	=	-6	2 10	9		=
	2	7 11	8	9	83		=	~	-	8			-	Ξ	14 14 15
	12		13	12	-22	2	<u></u>	•	49	=	49	40	4	7	===
	8	5	4	17.	-52	*	 -	8	2	-23	8	24	83	13	20 12
_			12	3	3	- 35	8	8	<u>8</u>	Ē	3	83	2	- 3	8
Ŕ	2		8	18	18	8	ন্ত্ৰ	7	ह	17	8	19	19	8	8
WARDS	12	2	12	6	8	8	- 61	13	2	12	=	12	13		श्च
▶	9	2	18	2	9	81	17	=	7	12	2	7	-	9 13	1
	9	•	13	81	13	8	19	2	13	7	-		8	83	=
	2	2	2	=	8	প্র	- 22	6	8	13	=	-	-	9	=
	2	=	8	12	64	6	6	8	2	9	-	-	-	-	712
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	=	9	Ξ	œ	00	9	10		8	*	0	•	90	6	
	2	9	8	16	2	Ξ	7	9	82	9	91	0	6	0	-
		9	-	8	8	17	80	-	4	00	6	2	4	10	9
	60	0	5	910	12	8	12	2	60	00	10	80	~	12	9
	- 9	8 17	2	10/20	8	6	8	7 14	124	4 18	5 18	2 15	4 15	5 18	8 19 10
	10	10	14 12	80	8	22	4	2	2	•	2	7	4	Ξ	4
	₩.	2	2	9	R	3	80	-83	9	12	13	-	14	-27	12
	8	4	=	*	8	য়	17	-	=	*	2	10	7	글	-
•	69	-	8	81	2	8	80	য়	8	~	61	15	00	=	2
	-	=	2	13	8	7	2	-	8	8	Ξ	=	9	12	8
	Girls.	8	F	8	8	8	8	88	33	62	72	18	2	8	8
	Boys.	\$	113	8	138	105	6	23	8	5	79	8	89	8	78
jes.	Fema	183	168	146	97	858	179	181	211	98	181	145	168	154	823
7	Malos	3	984	2	88	415	202	186	181	8	83	168	200	210	238
······································	Totals		3	8	2	773	£	367	38	878	<u>\$</u>	318		38	- F
	1-7-11			-	Ť										
YEARS.			862	883	864	865			868	869	870	871	.872		874

Table XX.—Continued.

seles.
Hem Hem Hem Hem
209 210 70 75 18 15 11
392 369 140 136 32 21 11
277 295 96 106 27 21 10
198 206 75 89 20 15 6
182 162 45 54 17 10
270 228 79 88 23 27
363 282 95 100 29 22
372 278 107 78 33 31
285 294 71 111 16 16

* New Ward (26th) formed, formerly part of Nineteenth and Twenty, third Wards.

† New Ward (26th) formed, formerly part of First.

† New Ward (27th) formed, formerly part of Twenty-fourth.

† New Ward (27th) formed, formerly part of Twenty-fourth.

New Ward (28th) formed, formerly part of Twenty-second.

I New Ward (29th) formed, formerly part of Twentleth.

¶ New Ward (30th) formed, formerly part of Twenty-sixth.

° New Ward (31st) formed, formerly part of Nineteenth.

TABLE XXI,

The following table shows the number of Deaths from Typhoid Fever in each of the past twenty-three years, from 1861 to 1885, inclusive, in each division of age, with the adults, minors, and totals.

		rtoT	8444488 881448 9944 9944 9944 9944 9944	7 11,116
	.8TO	aiM.	8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3,617
	.atlı	ъ¥	183 183 183 183 183 183 183 183 183 183	7,499
	8	8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7
	8	8	300404080 HOH = = 040300400	62
	92	8	12112144466446111311166	257
	8	2	533488884848488888888888888888888888888	584
	28	8	22826488428585422288	716
	\$	8	884283882222883282384348	1,012
AGES.	8	\$	88222884248888888445888	1,619
¥	8	8	255 2 11 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3,292
	12	8	288228282438838888888888888888888888888	1,513
	<u>.</u>	12	**************************************	669
		2	8283888888888888888	700
	69	10	888888888885248888888888	505
	-	81	4	132
		Und 1 ye		8
	YEABS		861. 1862. 1864. 1865. 1865. 1866. 1871. 1871. 1871. 1871. 1871. 1871. 1871. 1871. 1871. 1871. 1871. 1871. 1871.	Totals

TABLE XXII

8228682828262489258828 The following table exhibits a general summary of deaths, male and female, from typhoid fever, for the past twenty-one years. ë z 848881284848482488444 Ŀ 51252525011495012554707446 Nov. Ħ 1 ğ Ħ 44377281120628853481788348 Ė Sept. ij Ŀ 1.028211227531218723233 Aug. Ħ ĸ July. 뇌 8558455126684588148455 Juue. E 4-81829911811997678 × 82220222222222222 E. May, Ħ 81286-7-8881775885588588 April. Ŀ 8798454488648899534882 Ä March. Ŀ Ħ Feb'y Œ, 252252-20-2-5424225525782 ij 255555001128577128552 1981212128177777778 Jan'y. Ŀ į Totals. 1865 8866 1867 1868 1869 1870 1872 1873 1873 1874. 1875. 878 879

TABLE XXIII.

Dec'r.	ßi.	110252200045400055000075205
Ã	×	2048808898888888888888888888888888888888
Nov'r.	pri .	00888-14410-1508-16481-4
ž	×	2222220202020202020202020202020202020202
Oct'r.	<u>F</u>	
රී	×	20220028084
Sept'r.	Ei	**************************************
Se de	×	877788005944477448574956
Aug.	팑	# # # # # # # # # # # # # # # # # # #
₹	K.	P
July.	Pi-	252005280055500000000000000000000000000
5	×	20152800082101148421120825
June.	ſΞ	3008833128212831280128118
Ę	×	#21841148°128118413
May.	pr.	#802550 485 7083283281848
Ä	×	3712888-858-8725883758
뎓	P.	######################################
April.	K	8818222225-2568-88-8188 881822225-2568-88-81-81-81-81-81-81-81-81-81-81-81-81
March.	Bi.	821412486868488886315
K	×	#82252123288 #84252 #8425
Feb'y.	Ge.	221282 ~252 525245~85275
Fet	ĸ	7524 848488 55557480 3 55875
Jan'y.	Sei.	\$0088711487018888884188
Ja J	×	31-388-825-1238-183-815
	Totals.	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
YZABS		1862 1864 1865 1865 1867 1867 1870 1871 1871 1871 1876 1876 1876 1876 1876

TABLE XXIV.

The following table exhibits a General Summary of Deaths, Male and Female, from Consumption, for the past twenty-two years.

•		Jan'y.	<u>,</u>	Feb'y.	<u>,</u>	March		April		May.	<u> </u>	June.	· ·	July.	◀	Aug.		Sept'r.	රී	Oct'r.	Nov'r.	r'r	Å	Dec'r.
I KARO.	Totals.	×	Fi	×	[Ei		F. X		E:	<u> </u>		<u>F-i</u>	×	14	ķ	<u>F</u>	×	E.	j.	Fi	×	[Et	×	F .
866. 856. 856. 856. 856. 856. 856. 856.	2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2	1111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	17.57.11.00.00.00.00.00.00.00.00.00.00.00.00.	123 123 123 123 123 123 123 123 123 123	88888888888888888888888888888888888888	7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	25505054404 25505055404 25505055404 25505050554 25505050505 255050505 255050505 255050505 255050505 255050505 255050505 255050505 255050505 255050505 255050505 2550505 255050505 2550505 2550505 2550505 2550505 2550505 2550505 2550505 2550505 2550505 2550505 2550505 2550505 2550505 25505 2550505 255	2	25 25 25 25 25 25 25 25 25 25 25 25 25 2	222 10 20 20 20 20 20 20 20 20 20 20 20 20 20	20 20 20 20 20 20 20 20 20 20 20 20 20 2	79 27 28 28 28 27 28 28 28 28 28 28 28 28 28 28 28 28 28	8823254255888883558855	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	25 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	\$	41548888842888824288538	12587888417271727428833833	25 8 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	8848518881819191888188818881888188818881888	\$	\$ C C I C C C C C C C C C C C C C C C C	28886824886238128882482	25.01020 682282828282828282828282828282828282828

TABLE XXV.

Mortality in each month from all causes during 1883.

	.eogs	ııv	2,021 1,500 1,678	5,199	2,1,1 4,008,1	4,910	1,987 1,998 1,421	5,406	1,657 1,400 1,504	4,561	30,676
	.exo	alM	852 616 674	2,142	25 25 25	2,145	1,187 1,120 187	8,038	5.58 5.58 5.58	2,040	9,886
	.ati	npy	1,169 884 1,004	8,057	1,001 1,019 745	2,765	800 878 690	2,868	917 796 808	2,521	10,711
	100	110	-8-	4			-	-		7	1
	8	901	383	3	200	8	4 8 2	23	433	88	126
	8	8	22.52.52	210	254	8	883	45	828	191	ä
	92	8	85 8 1	422	123 112 101	98 88	252	278	7188 701	312	1,349
	8	70	161 110 158	429	7 27	88	⊋ 58	963	118 110 126	354	1,469
	25	3	25 25 25	£63	552	408	222	341	421 83 89	336	1,546
și.	. 3	26	152 160 134	446	146 128 128	432	117	88	135 135 137	397	1,643
AGES	8	\$	884	472	35 25	476	138 157 123	413	179 129 136	44	1,806
	8	8	22,23	268	188 181 131	906	164 174 151	489	179 167 141	487	2,044
	15	8	8%8	153	838	181	33 2	132	848	145	261
	2	15	222	79	8228	8	ននន	8	ន្ទន	8	320
	10	92	106 71 89	266	828	887	525	22	\$88	293	1,087
	81	20	197 181 141	469	141 178 131	450	115 158 141	414	241 268 200 200	200	1,888
	-	63	151 88 201	341	87 116 97	900	157 194 114	53	11851 101	278	1,384
.189	61 19	baU	85.28 85.28	\$	320 320 342	981	765 610 319	1,694	4 888	741	4,200
	•8	GГ	420 275 361	1,056	287 359 351	997	538 539 534	1,411	888 888 888	973	4,487
	•	Bola	254 341 313	1,086	356 422 370	1,148	649 581 397	1,627	389 306 372	1,067	4,928
	sales.	тел	994 708 860	2,562	801 868 743	2,412	960 992 678	2,630	800 712 737	2,249	9,853
	-86	Mal	1,027 792 818	2,637	848 252 227	2,498	1,027 1,006 743	2,776	857 688 767	2,312	10,223
6000	Months.		January February March	Total 1st quarter.	April May June	Total 2d quarter	July	Total 3d quarter	October	Total 4th quarter.	Total for the year.

TABLE XXVI.

The following table will show the number of Small Pox cases and Deaths in each week during the year 1883.

Number of cases.	01-ee238657500311000-000000000000000000000000000000
1883. Wreks Ending.	July 7 " 21 " 21 " 22 September 3 September 1 " 25 October 2 " 20 " 20 " 20 " 20 " 20 " 20 " 20 " 20 " 20 " 20 November 8 " 17 " 1
Deaths.	40005c000040000000000000000000000000000
Number of cases.	2-5-6-52-52-52-52-52-52-52-52-52-52-52-52-52-
Weeks Ending.	January 6

200

TABLE XXVII.

Monthly Return of Small-Pox Cases in each Ward during the year 1883.

Wards.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	ğ	Nov.	ğ	Totals.
1	19	14	3	1	1		1	1	8		2	1	46
2	9	10	4	1	1	1			ļ				26
8	8	4	9	1	2				ļ				24
4	18	4	2	5	2	9	8	2	1				41
5	2	8	8	1		2			 .		•••••	•••••	11
6	2		2			1		·	1				6
7	2	8	2	8	11	4	4	1	1	1	2	2	86
8	4		1		4	8	1		ļ				18
9	 			4	2				1				7
10	2	1	1	. 2	1				2	1	1		11
11	1	7.	8		1	1		1	2			1	17
12	 	2	1	2	2	1				1			9
18	1	1				1			4	3			10
14		2		2								1	5
15	1	8	2	8	2	3	1		 		1	1	22
16	2	1	1	1	4	1			1		1	1	18
17	8	4	2	1			1	2	7	1	1	4	. 26
18	 	1	2	7	6				5		1	2	. 24
19	9	8	6	7	2	2	9	15	19	7	11	7	102
20	8	6	5	8	4	2	2	7	4	8	2	5	51
21	4	5	5	4		 .	 .					 	18
22	1	. 2		1				 .		ļ	ļ		4
23	8	2	1	1	1			 .					8
24	6	8	1	2	2			1	1		1	2	19
25	9	3	3	1	3	2	2			8	6	6	88
26	10	16	5				1		ļ	1			. 88
27	9	3	1			1		1			1		16
: 28	14	6	2	8	2	5	5	11	3	1	3	2	57
. 29	9	11	18	7	7	8	1	1		1	1		59
30	1	1	2			8		ļ		1	ļ		8
81	5	5	4	3			3	2	2	3	1	2	30
	152	131	91	76	60	45	34	45	57	27	35	87	790

Year 1883).

t. 6	. 13	, 20	, 27	. A		11	124	2. 1	80	. 15	. 22	. 29	Ending	Weeks
Oct.		•	•	Nov.	:		;	Dec.		_	_	;	190	—
0	9	Ŷ												De
			9		Ŷ	o		9	0				75	Degrees of Fahrenheit.
	0									•	•	0	50	of Fak
		Ò					0	0				\pm	25	renhe
										U	φ			Ü.

Alb.



TABLE XXVIII.

The following table will show the number of Small-Pox Cases and Deaths, with the Ratio of Deaths in each Ward, during the year 1883.

WARDS.	Cases.	Deaths.	Ratio of to ca	
First	46	12	1 in	8.8
Second	26	2	1 in	13.
Third	24	8	1 in	3.
Fourth	41	7	1 in	5.8
Fifth	11	8	1 in	
Sixth	6	l i	î in	
Seventh	86	2		18.
Eighth		2	1 in	
Ninth	7	2	i in	
Tenth	11	2	1 in	
Eleventh		ī		17.
Twelfth	9	i i	1 in	
Thirteenth	10	1 2	î în	
Fourteenth		l i	i in	
Fifteenth	1	3	i in	
Sixteenth	13	2	1 in	
Seventeenth		1 - 7 -	î în	
Eighteenth		· -	· i ·	
Nineteenth		28	1 in	3.6
Twentieth	51	12	i in	
Twenty-first		**	1 1	214
Twenty-second		1	i in	4.
Twenty-third			1 1	-
Twenty-fourth	19	8	i in	6.8
Twenty-fourth		9	1 in	
Twenty-sixth		8	î în	
Twenty-seventh	16	2	1 in	
Twenty-eighth	57	+5		11.4
Twenty-ninth		13	î in	
	8 .	13	i in	
		6	1 in	
Thirty-first		84	1 110	υ.
Municipal Hospital	***************************************			
Totals	790	178		

^{*} Deaths in Twenty-eighth Ward does not include those occurring in Municipal Hospital.

Ratio of deaths, 1 in 4.5.

TABLE XXIX.

The following table will show the number of Small-Pox cases and Deaths in each ward during the year 1888, together with the population (census of 1880), area in square miles, etc.

Wards.	Population. (Census of 1880.)	Area in square miles.	Салева,	Deaths.	Ratio of deaths to cases.
First	48.085	5,509	46	12	1 in 3.8
Second	28,498	.442	26	1 2	1 in 13.
Third	18,271	.191	24	8	1 in 3.
Fourth	18,853	.229	41	7	1 in 5.8
Finh	16,368	.321	ii	8	1 in 3.6
Sixth	10,004	.321	16	ĭ	1 in 6.
Seventh	31,087	.439	86		1 in 18.
Finhth	19.545	.435	18	2 2 1 2	1 in 6.5
Fighth		.400	19	2	1 in 6.5
Ninth	12,481		11	1 1	
Tenth	23,363	.359	17		1 in 5.5
Eleventh	12,930	.210			1 in 17.
Twelfth	14,690	.193	9	1	1 in 9.
Thirteenth	18,646	.259	10	4	1 in 2.5
Fourteenth	22,354	.300	5	1	1 in 5.
Fifteenth	47,865	1.049	22	8	1 in 7.3
Sixteenth	17,802	.281	18	2	1 in 6.5
Seventeenth	20,451	.251	26	4	1 in 6.5
Eighteenth		.650	24	·	1 in
Nineteenth	43,887	.698	1 0 2	28	1 in 3.6
Twentieth	43,207	.734	51	12	1 in 4,2
Twenty-first	19,699	7.129	18		1 in
Twenty-second	3 1,798	18.114	4	1 1	1 in 4.
Twenty-third	26.522	42.716	8	l	1 in
Twenty-fourth	46,057	9.725	19	3	1 in 6.3
Twenty-fifth	86,104	10.359	88	9	1 in 4.2
Twenty-sixth	35,138	7.481	88	8	1 in 11.
Twenty-seventh		11.680	16	2	1 in 8.
Twenty-eighth	34,442	6.343	57	*5	1 in 11.4
Twenty-ninth	40.787	1.400	59	13	1 in 4.5
Thirtieth	29,100	.519	8	l i l	1 in 8.
Thirty-first	31,308		80	أأة ا	5.
Municipal Hospital				84	
Totals	846,980	129.450	790	173	

^{*} Deaths in the Twenty-eighth Ward does not include those occurring in Municipal Hospital.

Ratio of deaths, 1 in 4.5.

TABLE XXX.

Deaths in each year from Small-Pox, from 1807 to 1883, inclusive, with the average population of each year, and deaths to every 1,000 persons living.

Ye	ars.	Deaths.	Deaths to 1,000 persons living.	Yes	RPS.	Deaths.	Deaths to 1,000 persons living.
1807]		82	.28	1846		251	.61
1808	1	145	1.28	1847		9	.02
1809		101	.90	1848		100	.24
1810	8	34	.80	1849	762.	152	.87
1811 }	. ∄	117	1.04	1850	98	40	.09
1812	Pop. 111,210.	•••••		1851	Pop. 408,762.	216	.52
1818	Po	•••••		1852	2	427	1.04
1814		•••••		1853		57	.18
1815]		•••••		1854		40	.09
1816		97	.77	1855		275	.67
1817		52	.80	1856		890	.68
1818	ا ب	8	.95	1857		65	.11
1819	8	1		1858		7	.01
1826	137	•••••		1859	529	2	.008
1821	Pop. 137,097.	•••••		1860	Pop. 565,529	57	.10
1822	<u>م</u> ا	•••••		1861	p. 5	758	1.34
1823	1	160	1.16	1862	Pol	264	.46
1824		325	2.37	1863	•	171	.30
1825		6	.04	1864		260	.45
1826	ŀ	8	.01	1865		524	.92
1827		100	.52	1866		144	.21
1828		107	.56	1867		48	.07
1829	62	81	.42	1868		48	.07
1830	Pop. 188,797.	86	.45	1869	22	6	.008
1831	يغ	14	.07 .	1870	Pop. 674,022	9	.01
1882	ĕ	. 87	.19	1871	9.	1,879	2.78
1833	į	156	.82	1872	Pol	2,585	3.83
1834	1	195	1.03	1873		39	.05
1885)	l	101	.53	1874		15	.02
1886		76	.83	1875		54	.08
1837	I	79	.84	1876		407	.45
1888	1	42	.16	1877		155	.17
1889	ಪ್ರ	5	.01	1878	8,		
1840	98.0	63	.24	1879	. 🕈 🛚		.006
1841	Pop. 268.034	259	1.00	1880	Pop. 846,980.	424	0.5
1842	o l	156	.60	1881	Ā	1,336	1.57
1848	_	36	.13	1882		314	0,3
1844		17	.06	1883		173	.02
1845)		190	.73				

TABLE XXXI.

Total Weekly Deaths (Still-born excluded), with Meteorological Observations, etc.

Week	s ending 1883.	Total Weekly Deaths (Still-born	Тн	CRMOME?	TER.	BAROMETER.	RAD
-		excluded).	Mean.	Max.	Min.	Mean.	Incl
anuary	6	409	82.1	42	18	30.80	.1
"	13	890	26.0	40	13	30.04	1.5
"	20	407	81.8	44	18	30.29	1.2
ebruar	_ 27	898 417	25.9	45	9	80.32	.2
eprumr,	7 3 10	871	88.4	55 60	20 28	30.37	28
44	17	267	36.3 38.8	59	28 80	30.30 30.22	1.9
44	24	358	35.1	44	24	30.35	2.1
(arch	8	404	89.4	64	20	30.16	.6
4	10	433	31.3	45	13	30.25	.8
"	17	400	39.8	60	21	29.70	.0
4	24 81	420 425	87.5	68	20	29.71	.1
pril	7	462	89.9 47.8	56 70	81 27	29,97 30,05	.9
7,	14	417	52.2	66	89	80.14	.0
44	21	387	54.0	72	42	29.91	.0
	28	3 78	47.2	70	35	29.92	1.8
lay	5	388	48.6	81	38	30.16	ا. ا
44	12	854	63.6	80	48	80.10	.4
"	19	344 874	58.4	78	43	80.05	.0
une	26 2	840	64.5	84	51	29.80	1.0
"	9	338	68.5 75.6	77 88	57 51	30.04 30.05	.2
4	16	391	75.1	89	59	29.98	1.7
"	23	307	73.5	87	63	29.94	1.0
"	80	430	74.9	86	65	29.94	1.8
uly	7	504	80.6	94	56	30.18	
44	14 21	563 479	73.8	87	61	29.91	1.1
"	28	441	75.8	91 92	68	30.06	.4
ugust	4	313	73.6 69.3	85	64 61	29.98 29.92	.0 2.9
••	11	418	71.0	81	62	30.12	2.9
"	18	418	70.7	86	60	30.08	.3
44	25	898	76.6	90	62	29.99	ı .ĩ
eptemb		881	68,6	81	57	30,10	.0
"	8	389	66.0	81	53	80.06	.1
44	15 22	361 347	63.5	81 82	44 56	30.18	1.1
44	29	324	66.4 61.2	77	49	30.11 30.01	1.1 1.4
ctober	6	819	55.5	76	42	30.09	1.1
"	18	822	61.8	76	49	30.19	1.1
"	20	838	54.4	81	87	30.37	
	27	838	49.0	59	42	80.18	2.0
OAGUEDE	er 3 10	340 823	52.5	70	40	29.97	.6
"	17	823 850	55.0 38.7	67 58	44 25	30.07	.3
"	24	870	53.9	72	25 84	30.14 30.22	.8
ecembe		357	46.1	66	41	30,29	.6
"	8	840	44.7	57	82	30.24	.4
44	15	364	41.2	55	23	30.06	.0
"	22	375	30.3	45	20	30.15	.4
••	29	425	31.8	47	10	30.09	1.7

fantum.

879

iseases, Meteorology, etc., for the year 1883.

O M					• METEOROLOGY.							
Cholore infention	Choiers intentum.	Consumption of lungs.	Inflammation of lungs.	Bronchitis.	Death rate per 1,000 inhabitants.	Mean temperature.	Mean barometer,	Number of miles traveled by the wind.	Total rain (in inches).			
87	78	2,798	1,282	₹ 373	22.13	53,5	29.99	63,714	89.17			



TABLE XXV.

Mortality in each month from all causes during 1863.

	.eogs	IIA.	2,021 1,500 1,678	5,199	1,964 1,800 1,866	4,910	1,987 1,998 1,421	5,406	1,657 1,400 1,504	4,561	30,676
	.erio	aiM	852 616 674	2,142	643 781 721	2,145	1,187 1,120 731	8,038	558 558	2,040	9,886
	lts.	npY	2,1 2,2,2,0 3,2,2,0 3,2,0 3,0 4,0 4,0 4,0 4,0 4,0 4,0 4,0 4,0 4,0 4	8,067	1,001	2,765	800 878 800	2,368	917 795 808	2,521	10,711
	8	011	-8-	*		Π	-	-		2	7
	8	8	222	£	0000	83	₹ ∞2	22	425	88	82
	8	8	22.82.82	210	854	8	884	149	828	191	22
	70	8	85 8 2	432	123 112 101	836	26 E E E E E E E E E E E E E E E E E E E	279	1188 107	812	8
	8	20	161 110 158	429	45 25 20 20 20 20 20 20 20 20 20 20 20 20 20	390	2 58 8	967	118 110 126	354	1,469
	28	8	25 24 25 25	463	35 2g 28 2g	406	22 g	퓵	22 E 8	336	1,546
gi .	- \$	20	251 260 182 182	446	146 158 128	432	117 145 106	88	381 781 781	397	1,648
AGES	8	\$	884	472	156 188 134	476	88 751 821	413	179 129 136	#	1,805
	ន	æ	23.52.52	268	188 181 131	200	164 174 151	489	179 167 141	487	2,044
	15	8	8228	163	848	131	332	132	848	145	261
	2	15	882	29	888	8	888	93	ន្ទន	88	32
	10	10	106 71 89	266	22.2	88	525	22	\$28	293	1,087
	67	52	181	469	141 178 131	450	115 158 141	414	142 158 200	200	1,888
	-	64	158 S2	341	87 116 97	98	157 194 114	465	112 65 101	278	1,384
.1897	61 19	baU	827.88 25.58	\$	269 320 342	981	765 610 319	1,694	25 25 25 25 25 25 26 25 25 26 25 25 26 25 25 26 25 25 26 25 25 26 26 25 26 2	741	4,200
	.8	क्षम	420 275 361	1,056	287 859 851	997	538 539 334	1,411	28.83 28.83 28.83	973	4,487
	*6	Boy	432 341 313	1,086	356 422 370	1,148	649 581 397	1,627	389 306 372	1,067	4.928
	sales.	Fem	994 708 860	2,562	801 743	2,412	960 992 678	2,630	80 217 737	2,249	9,853
	-86	Mal	1,027 792 818	2,637	943 723	2,498	1,027 1,006 743	2,776	889 767	2,312	10,223
0000	MONTHS.		January February March	Total 1st quarter.	April May June	Total 2d quarter	July	Total 3d quarter	October	Total 4th quarter.	Total for the year, 10,223

TABLE XXVI.

The following table will show the number of Small Pox cases and Deaths in each week during the year 1883.

	188 3. Weeks Ending.	Number of cases,	Desths.		1883. Wreks Ending.	Number of cases.	Desths.
	9	3	*	July	-	10	64
	13	35	9		7	7	တ
	20	8	œ		21	6.	တ
	27	æ	9		98	œ	-
February	3	49	15	August	***************************************	12	
3 3	10	3 8	۰.	3 3		8 <u>7</u> ,	40
: 3	1/	8 8	N (C	. 3	25	o 75	o
March	6	12	ဗ			12	· eo
3	10	17	10		90	9	~
	17	23	4			13	67
	24	ន	ю (22	=	\$
	31	14	σ,		A	2	N (
	T	61			9	3 3 (2	۰.
	14	# 15	N 69	: 3		-	-
	286	==	פיו			4 00	• 63
		13	10		6	90	84
,	12	12	⇔ :	3	10	2	63
: :	19	7	64 (7	10	:4 ,
3	26	20	34	3	74	27	-
June	2	6		December		30 0	N •
	6	5 0 (*		90	10 9	۰.۰
	Te	2	**		D	2,	N (
	28	7	-			30	× •
	86	2	-		2	R	-
						_	1

' 200

TABLE XXVII.

Monthly Return of Small-Pox Cases in each Ward during the year 1883.

Wards.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Totals.
1	19	14	8	1	1		1	1	3		2	1	46
2	9	10	4	1	1	1			ļ			 	26
8	8	4	9	1.	2					 .		ļ	24
4	18	4	2	5	2	9	3	2	1		 -		41
5	2	8	8	1		2							11
6	2	 	2			1			1				6
7	2	3	2	8	11	4	4	1	1	1	2	2	36
8	4	 	1		4	8	1			ļ			18
9		 	ļ	4	2	 .	ļ		1				7
10	2	1	1	. 2	1				2	1	1		11
11	1	7.	8		1	1		1	2	 .	•••••	1	17
12		2	1	2	2	1	 			1			9
18	1	1				1			4	3			10
14	 	2		2								1	5
15	1	8	2	8	2	8	1	 .			1	1	22
16	2	1	1	1	4	1	 .		1		1	1	18
17	3	4	2	1		 .	1	2	7	1	1	4	26
18		1	2	7	6		ļ		5		1	2	24
19	9	8	6	7	2	2	9	15	19	7	11	7	102
20	8	6	5	8	4	2	2	7	4	3	2	5	. 51
21	4	5	5	4						 .	 		18
22	1	. 2		1							ļ		4
28	8	2	1	1	1		ļ				 		8
24	6	3	1	2	2			1	1		1	2	19
25 :	9	3	3	1	8	2	2	 .	 .	8	6	6	38
26	10	16	5			ļ	1			1		 	33
27	. 9	8	1			1		1			1		16
28	14	6	2	8	2	5	5	11	3	1	3	2	57
. 29	9	11	18	7	7	3	1	1		1	1		59
30	1	1	2			3				1			8
81	5	5	4	3			3	2	2	3	1	2	80
	152	131	91	76	60	45	34	45	57	27	35	37	790

Year 1883).

0ct. 6	13	., 20	, 27	Nov. 3	01 "	11 "	., 24	Dec. 1	., 8	., 15	,, 22	29	Weeks Ending
		0											100
0	9			0	9		Ŷ	Ŷ					Degrees (Ma
	0				-				• - -	•	•	o I	of Fal x.and 1
		6						0					Degrees of Fahrenheit. (Max.and Min.)

alk.

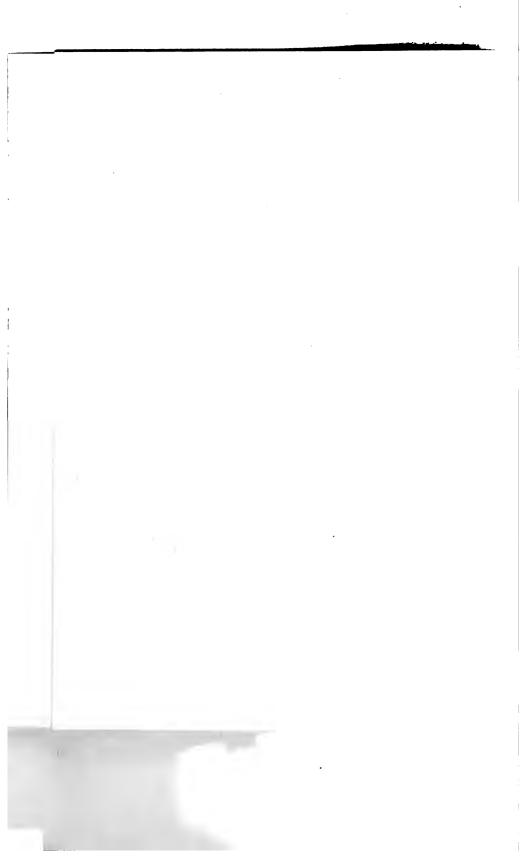


TABLE XXVIII.

The following table will show the number of Small-Pox Cases and Deaths, with the Ratio of Deaths in each Ward, during the year 1883.

WARDS.	Cases.	Deaths.		of deaths cases.
First	46	12	1 :	
Second	26	2		in 13.
Third	24	8		in 3.
Fourth	41	7		in 5.8
Fifth	11	. 8		in 3.6
Sixth	- 6	1		n 6.
Seventh	86	2		in 18.
Eighth	13	2	1 1	
Ninth	7	1	1	
Tenth	11	2		n 5.5
Eleventh	17	1		n 17.
Twelfth	. 9	1		n 9.
Thirteenth	10	4	1 1	
Fourteenth	5	1		in 5.
Fifteenth	22	3		n 7.8
Sixteenth	13	2	1 1	
Seventeenth	26	4	1 1	in 6.5
Eighteenth	24		1 1	- 00
Nineteenth	102	28		
Twentieth	51	12	1	ln 4.2
Twenty-first	18			4
Twenty-second	4	1	1 1	in 4.
Twenty-third	8 19			in 6.3
Twenty-fourth	38	3 9		in 4.2
Twenty-fifth	33	3		in 4.2
Twenty-sixth	16	2		in 8.
Twenty-seventh	57	•5		in 11.4
Twenty-eighth	59	13		n 4.5
Twenty-ninth	8	13	l i	
	80	6	1	
Thirty-first		84	•	
Totals	790	178		

^{*} Deaths in Twenty-eighth Ward does not include those occurring in Municipal Hospital.

Ratio of deaths, 1 in 4.5.

TABLE XXIX.

The following table will show the number of Small-Pox cases and Deaths in each ward during the year 1888, together with the population (census of 1880), area in square miles, etc.

Wards.	Population. (Census of 1880.)	Area in square miles.	Cases,	Deaths.	Ratio of deaths to cases.
First	48,085 28,488 18,271 18,863 16,368 10,004 31,087 19,545 12,481 23,363 12,930 14,690 18,646 22,354 47,865 17,802 20,461 29,354 48,887 43,207 19,699 31,798 26,522 46,014 35,138 34,442 40,787 29,100 31,308	5.509 .442 .191 .229 .321 .321 .429 .435 .400 .309 .210 .193 .229 .300 1.049 .281 .251 .650 .698 .734 .7.129 18.114 42.716 9.725 10.359 7.481 11.680 6.343 1.400 .519	46 24 41 11 6 36 13 7 11 17 9 10 5 22 13 26 24 10 21 18 4 8 19 18 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	12 28 7 3 1 2 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 1 2 1 1 2 1	1 in 8.8 1 in 18. 1 in 8.1 1 in 8.6 1 in 6.5 1 in 6.5 1 in 7. 1 in 5.5 1 in 17. 1 in 5.5 1 in 6.5 1 in 6.5 1 in 4.2 1 in 4.2 1 in 4.2 1 in 4.2 1 in 4.2 1 in 5.3 1 in 6.5 1 in 5.5 1 in 5.5 1 in 5.5 1 in 5.5 1 in 5.5 1 in 5.5 1 in 5.5 1 in 5.5 1 in 5.5 1 in 6.5 1 in 8.6 1 in 4.2 1 in 1.8 1 in 1.8 1 in 1.8 1 in 1.8 1 in 1.8 1 in 8.5
Totals	846,980	129.450	790	178	

^{*} Deaths in the Twenty-eighth Ward does not include those occurring in Municipal Hospital.

Ratio of deaths, 1 in 4.5.

TABLE XXX.

Deaths in each year from Small-Pox, from 1807 to 1883, inclusive, with the average population of each year, and deaths to every 1,000 persons living.

Ye	ars.	Deaths.	Deaths to 1,000 persons living.	Yes	ars.	Deaths.	Deaths to 1,000 person living.
 1807]		82	.28	1846)		251	.61
1808	- 1	145	1.28	1847		9	.02
1809		101	.90	1848		100	.24
1810	99	34	.80	1849	.29	152	.87
1811 }	Pop. 111,210	117	1.04	1850	Pop. 408,762.	40	.09
1812	- T	•••••		1851	p. 4	216	.52
1818	Po	•••••		1852	Po	427	1.04
1814		•••••		1853		57	.18
1815		•••••		1854		40	.09
1816		97	.77	1855		275	.67
1817		52	.80	1856		890	.68
1818	~:	8	.05	1857		65	.11
1819	8	1		1858		7	.01
1820 }	Pop. 137,097	•••••		1859	239	2	.003
821	ģ	•••••		1860	Pop. 565,529	57	.10
1822	ğ, Ι	•••••		1861	p. 9	758	1.84
823		160	1.16	1862	Po	264	.46
824	1	325	2.37	1863	•	171	.30
825		6	.04	1864		260	.45
826	1	8	.01	1865		524	.92
827	1	100	.52	1866		144	.21
828		107	.56	1867		48	.07
829	92,	81	.42	1868		48	.07
1830	Pop. 188,797	86	.45	1869	022	6	.008
831	ģ	14	.07 .	1870	74,	9	.01
882	, A	. 87	.19	1871	Pop. 674,022	1,879	2.78
883	1	156	.82	1872	Po	2,585	3.83
834		195	1.03	1873		39	.05
.88 5)	- [101	.53	1874		15	.02
836	- 1	76	.33	1875		54	.08
837	1	79	.84	1876		407	.45
888	1	42	.16	1877	g:	155	.17
839	<u>ફ</u> ું	5	.01	1878	. g,		
840	98.0	63	.24	1879	. 🕏	6	.006
841	Pop. 268.034.	259	1.00	1880	Pop. 846,980	424	0.5
842	Por	156	.60	1881	ы	1,336	1.57
843		86	.13	1882		314	0.3
844		17	.06	1883)		178	.02
845	1	190	.73				1

TABLE XXXI.

Total Weekly Deaths (Still-born excluded), with Meteorological Observations, etc.

Week	s ending 1883.	Total Weekly Deaths (Still-born	TH	RRMOME?	TER.	BAROMETER.	RAIN
		excluded).	Mean,	Max.	Min.	Mean.	Inch
January	6	409	82.1	42	18	30.30	.18
"	18	890	26.0	40	13	30.04	1.50
"	20 27	407	31.8	44	18	30.29	1.20
February		898 417	25.9	45	9	30.32	.27
"	10	871	88.4 36.3	55 60	20 23	30.37 30.30	1.84
44	17	267	88.8	59	30 30	30.22	1.95 2.17
- 44	24	358	85.1	44	24	30.35	2.1
March	8	404	89.4	64	20	30.16	.6
"	10	433	31.3	45	13	30.25	.87
"	17 24	400 420	39.8 37.5	60 68	21	29.70	.01
"	81	425	89.9	56	20 31	29.71 29.97	.19
April	7	462	47.8	70	27	30.05	.9
••	14	417	52.2	66	39	30.14	.19
"	21	387	54.0	72	42	29.91	.01
	28	878	47.2	70	35	29.92	1.8
May "	5 12	388 354	48.6	81	38	80.16	.64
"	19	844	63.6 58.4	80 73	48 43	80.10 30.05	.4
44	26	874	64.5	84	51	29.80	.00 1.00
June	2	340	68.5	77	57	80.04	.2
"	9	338	75.6	88	51	30.05	1.7
"	16	391	75.1	89	59	29.98	.6
"	23 30	807 480	73.5	87	63	29.94	1.5
July	7	504	74.9 80.6	86 94	65 56	29.94 30.18	1.8
"	14	563	73.8	87	61	29.91	1.1
"	21	479	75.8	91	63	30.06	.4
. "	28	441	73.6	92	64	29.98	.0
August	4	313	69.3	85	61	29.92	2.9
"	11 18	418 418	71.0	81	62	30.12	
"	25	898	70.7 76.6	86 90	60 62	30.08	.3
Septembe	r 1	881	68.6	81	57	29.99 30.10	.0
- "	8	389	66.0	81	53	30.06	.10
"	15	861	63.5	81	44	30.18	1.1
"	22	347	66.4	82	56	30.11	1.1
October	29 6	324 819	61.2	77	49	30.01	1.4
Jewber "	13	819 822	55.5 61.8	76 76	42	30.09	1.1
46	20	338	54.4	81	49 87	30.19 30.87	.8.
"	27	338	49.0	59	42	30.18	2.0
Novembe	r 3	840	52.5	70	40	29.97	.61
"	10	823	55.0	67	44	30.07	.3
"	17	850	38.7	58	25	30.14	.8
	24 r 1	870 357	53.9	72 66	84	30.22	.2
"	8	357 340	46.1 44.7	56 57	41 82	30,29 30,24	.6
"	15	364	41.2	55	23	30.24	.4
**	22	375	30.3	45	20	30.15	.4
"	29	425	31.8	47	10	30.09	1.7

O

iseases, Meteorology, etc., for the year 1883.

М					* METEOROLOGY.							
Cholera infantum.	Consumption of lungs.	Inflammation of lungs.	Bronchitis.	Death rate per 1,000 inhabitants.	Mean temperature.	Mean barometer.	Number of miles traveled by the wind.	Total rain (in inches).				
878	2,798	1,282	● 373	22.13	53.5	29.99	63,714	39.17				



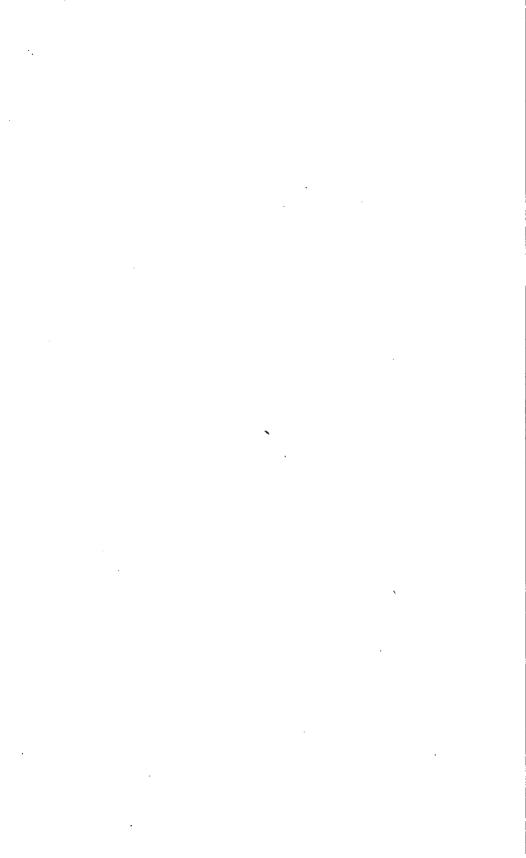


TABLE XXXII.

The following table will show the number of Still-births returned for the year 1883, monthly and by wards.

Wards.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
First	5342112123123352315531263411921	23331411421 222393 13811357431233	834 111124 32 366 31542 1186 32229	42210331221 1221 122577 15652444	98552 255 42122148842264 3116772388	8 2 2 5 3 1 3 3 1 6 3 2 2 2 3 3 2 2 2 2 3 3 2 3 3 3 5 5 2 2 2 3 3 3 5 5 2 2 2 3 3 3 5 5 2 2 2 3 3 3 5 5 2 2 3 3 5 5 2 2 3 3 5 5 5 2 2 3 3 5 5 5 2 2 3 3 5 5 5 5	75 41 11 61 11 42 12 35 22 32 24 22 32 32	51345144 222287121282111144222511	421411122 21115253545322115334 621	51 11166 11112228835 53441 284466521	15 2 3 1 1 5 2 2 1 1 1 1 1 8 1 2 8 4 4 3 1 4 1 3 5 5	43 23 4122 381522225 12 91885222	76 30 27 39 25 10 10 12 22 23 19 24 62 27 20 54 49 17 17 14 55 56 47 26 27 28 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20
Totals	87	81	82	81	97	81	73	88	82	87	84	74	992

PREMATURE BIETHS.—The number of premature births returned for the year was two hundred and sixty-two (262).

Meteorological Summary for ten years (1872 to 1881 inclusive), from the records of the Signal Office, U. S. A., Philadelphia, Pa., also the deaths in each month during the same period. 20,544 1,902 8 248 130 3, 386 Total deaths in each montin, 8, No. of days on which it fell. BAIN OR SNOW. 8 2 2 2 2 Amount in inches. 3.67 8.8 47.79 8 8. 7.81 8,526 5,870 1,761 7,457 6.381 7,989 MOVEMBER Total Maximum Velocity. WIND. Prevailing Direction. W.N.W. W. M. W. W. B. W. W. 8. W. N.W. X.W ₩. . ≱ ¥ ż z ż œ Relative Hu-midity. 8 8 8 THERMOMETER. Highest 88 52.9 51.8 Mesn. 29.490 29.554 29.603 29.511 29,611 29,648 29.761 LOWest BAROMETER. 80,315 30,586 Highest 29.970 80.011 30.047 Mean. January..... February March..... April June..... August September October December November..... Total 1872.

Meteorological Summary—Continued.

-	BNOW.	No. of days and mondich it fell. Total deal	14 1,724	11 1,289	14 1,858	16 1,267	12 1,572	10 1,289	12 2,365	19 1,448	12 1,129	10 1,316	16 1,024	14 1,030		160 16,786
	BAIN OR	ansemA. ni sedoni	5.84	4.75	2	25.	5.83	0.90	2.00	11.49	3.58	5.20	5.10	1.38		54.62
		Total Movement,	7,318	7,027	16,380	7,739	7,252	6,971	6,339	5,881	5,591	7,538	6,672	7,412		86,120
	WIND.	Maximum Velocity.	8	ដ	*	22	8	8	8	×	8	8	8	23		
		Prevailing Direction.	1 12 1	M.W.	N.W.	N.W.	8. W.	₩.	8. W.	. W.	8.₩.	N.W.	N.W.	ß. W.		
	-1	Relative H.	75.5	6.69	56.4	47.	8	z	&	75.	71.	8	\$	86	64.6	
	TER.	Lowest.	Zero.	Zero.	•	82	\$	3	19	95	41	z	81	19		
	THERMOMETER.	Highest	8	8	8	8	28	8	ま	28	8	7.	%	2		
	HT.	. Мевп.	28.9	28.8	87.1	46.3	69.6	70.6	76.4	72,3	66,1	54.7	86.3 36.3	88.3	51.4	
	ķį	Lowest,	29.500	29,230	29.090	29.609	29.520	29,616	29.763	29.733	29.668	29.257	28.901	23,352		
	BAROMETER.	Highest.	30,585	30,590	39,768	30.274	30.440	30.417	30,339	30.362	80.409	30.547	30.640	30.654		
	Ã	мевп.	30,113	30.016	30,001	29.947	30.009	29.996	80,023	30.065	30,096	90.073	28.392	30.165	30.041	
	:	1873.	January	February	March	April	May	June	July	August	September.	October	November	December	Mean	Total

Total deaths in each month.

16,315

1,356 1,174 1,144 1,144 1,506

No. of days on which it fell. RAIN OR SNOW. 8 2 at at at anoma 46.31 9,191 7,141 6,657 6.411 Movement LatoT Maximum Velocity. WIND. Prevailing Direction. W. B. W. 8. S. W. W. S. W. E. M. B. W.N.W. × 년 Meteorological Summary—Continued. Relative Hu-midity. 65.5 67. THERMOMETER. Highest. 52.6 Meen. 29.537 29,521 29.638 LOWest BAROMETER. Highest. 30.089 Mesn. February May June..... Total April..... December..... January September..... 1874.

Meteorological Summary—Continued.

	L												1
	ei	BAROMETER.		TH	THERMOMETER	ER.	-10		WIND.		RAIN OF	RAIN OR BHOW.	ed) dia
1875.	Мезп.	Highest	Lowest,	Мев п.	Highest.	Lowest.	Rejative Ho midity.	Prevailing Direction.	Maximum Velocity.	Total Movement.	tanomA ni sodoni	Mo. of days on which it fell.	seb lateT om fose ni
January	30.231	80.787	29.666	26.1	4	ĵ	л.	N.W.	80	7,629	2.83	16	1,844
February	80.131	80,671	29.870	28.1	22	Ţ	3 9	N.W.	3	8,159	8.20	21	1,892
March	30.104	30.491	29.880	84.9	19	12	8	떮	3	7,278	8.03	91	1,848
April	29.978	30.449	29,551	45.5	ĸ	82	3 2	N.W.	8	7,322	2.80	91	1,877
May	29.993	30.825	29.457	61.4	88	\$	ಸ	B. W.	7	7,676	1.36		1,898
June	30.034	80.230	29.711	70.5	88	51	3	8. W.	3	6,544	4.13	#	1,769
July	29.996	90.259	29.631	74.6	85	19	3 9	8. W.	8	6,200	8.63	=	1,744
August	30.035	80.833	29,719	72.4	\$	82	76.	8. W.	8	6,501	6.42	81	1,926
September.	30,035	80.429	29.573	64.1	8	3	8 3.	₩.	35	6,256	2.53	•	1,175
October	30.015	30.555	29.361	53.7	74	æ	33	≱	9	7,256	1.42	80	1,165
November	80.107	80.750	28.536	39.7	62	«	88	₩.	42	7,339	2.40	2	1,092
December	30.042	20.743	2 0.419	34.7	13	4	.92	N.W.	53	7,664	8:37	*	1,580
Mean	30.059			50.3			66.7						
Total										85,824	40.T2	164	17,805
				Đ.	*Degrees below zero.	OW Zero.							

1,402 1,873 1,918 1,986 1,682 1,525

		Me	steorol	ogical	Meteorological Summary—Continued.	nary-	-Contri	rued.					
	Ä	BAROMETER.		TH.	THERMOMETER.	Ęį.	-	F	WIND.		RAIN OR SHOW.	SKOW.	
1876.	Мевп.	Highest.	Lowest	Мевп.	Highest.	Lowest.	Relative Hu midity.	Prevailing Direction.	Maximum Velocity.	Total Movement.	tanomA. nl sodoni	No. of days on which it fell.	
January	30.161	30,614	29.534	87.7	29	15	70.	S. W.	\$	8,358	1,52	10	l
February	30.181	30.964	29.029	87.0	8	9	8	N.W.	\$	8,119	5.08	16	
March	30.040	30.540	29.165	87.4	8	•	8	N.W.	\$	10,264	6.71	11	
April	30.004	30.524	29,543	49.1	7.	8	z	z	\$	8,846	2.16	11	
Маў	30.054	30.451	29.663	6.09	*	8	23	₩.	ಪ	7,589	4.45	•	
June	20.998	30.218	29.704	74.3	8	22	8	8. W.	8	5,847	2.20	91	
July	29.998	30.274	29.767	78.6	8	8	ತ	₩.	4	6,528	5.70	11	
August	30.061	35.341	29,803	74.8	6	. 25	8	×	75	5,452	96.0	•	
September.	29.984	30,281	29,566	63.8	88	94	ï.	ജീ	22	8,143	8.77	15	
October	30.020	30.451	29.473	8.03	2	æ	8	N.W.	\$	7,169	1.06	•	
November	29.969	30.395	29.541	45.0	4	g	71.	ᆆ	8	8,111	7.81	13	
December	30.027	30.693	790.047	25.5	3	4	73.	N.W.	\$	9,296	1.40	2	
Mean	30.037			52.6			66.6						. •
Total										93,580	47.38	181	·

		M	steorol	ogical	Meteorological Summary—Continued.	ary—	Consti	rued.					
	, A	BAROMETER.		E .	THERMOMETER.	ď	-1		WIND.		BAIN O	RAIN OR SNOW.	da Lin.
1817.	Mean	Highest.	Lowest.	Мевп.	Highest.	Lowest	Relative Hu midity.	Prevailing Direction.	Maximum Velocity.	Total Movement,	Amount ni sedoni	No. of days no. which it fell.	taeb latoT nom dess ni
January	30,163	39,647	29.243	28.4	3	•	76.	W.	\$	6,907	2.62	11	1,896
February	30.084	30,565	29.402	36,9	8	16	ತ	Μ.	4	7,907	0.84	•	1,181
March	86.001	30,582	29.120	88.2	29	3	8	N. W.	2	10,925	8.40	92	1,814
April	29.983	80,403	29,419	0.00	8	8	8	넕	3	8,627	2.66	•	1,889
Мау	29.997	30,889	29.460	60.7	8	¥	z	zi	झ	7,449	1.10	•	1,586
June	29.397	30.293	29,611	71.7	8	20	67.	₩.	2	199'9	5.22	91	1,252
July	20,963	30,264	80,708	77.8	8	19	5.	₩.	84	6,241	5.58	27	2,067
August	29.954	30,223	29.689	75.5	8	8	8	₩.	84	6,009	99.0	•	1,871
September	720.02	80.328	29.718	8.88	3 5	#	Ę	8. W.	8	6,191	2.74	••	1,065
October	30.062	30,532	29.391	57.4	82	#	7	S. W.	8	7,871	6.52	=	1,282
November	30,129	30.618	29.314	46.6	8	81	42	N.W.	8	8,887	5.14	#	1,020
December	30.179	30,630	29,342	40.6	æ	×	73.	X E	88	7,996	9.83	*	1,202
Mean	30.048			54.2			68.1						
Total										162,16	87.26	118	16,004

1,346

Total deaths in each month. 1,617 1,672 1,127 1,361 1,381 16,743

No. of days doidw no it fell. RAIN OR SNOW. 118 Amount fi faches. 34.53 91,010 8 3,712 5,882 8,476 826, Мотешепт, [atoT Maximum Velocity. Prevailing Direction. 8.₩. Meteorological Summary—Continued. Relative Hu-midity. 68.2 ě 헍 덣 86 LOWest. THERMOMETER. Highest 58.1 44.8 34.5 82.7 7.7 Meen. 29,451 LOWest BAROMETER. 30,556 30,198 30.584 Higpear Total Mesn. June February January..... March..... December..... September November October 1878.

Meteorological Summary—Continued.

	pi	BAROMETER.	ei	THE	THERMOMETER,	TEB,	-1		WIND.		BAIN O	RAIN OR SHOW.	'प् रुप
1879.	Меяп.	Highest.	Lowest,	Мевп,	Highest.	Lowest.	Relative Hu midity.	Prevailing Direction.	Maximum Velocity.	Total Movement.	Amount fi sedont	No. of days Moinwine	Total destrom tom destrom destrom al
January	30.069	30.526	29.274	29.9	28	ĵ	72.8	N.W.	3	9,246	2.78	7	1,748
February	30.087	30.777	29.545	20.0	8	80	71.8	N.W.	8	8,512	1.19	13	1,868
March	30.108	30.700	29.382	41.8	8	19	9.69	N.W.	3	7,539	2.28	22	1,468
April	29.935	30.422	29,388	49.1	8	8	63.8	N.W.	8	8,991	អ	82	1,250
Мау	30.084	30.508	29.722	63.6	91	\$	64.5	8. W.	23	96,9	1.22	,.	1,062
Jane	29.984	30.298	29.480	7.1.7	88	\$	68,5	. W.	8	906'9	6.77	71	1,006
July	29.986	30.298	29,555	75.6	8	25	9.29	8. W.	8	7,160	3.62	•	1,885
August	29,961	30.183	29.708	72.7	83	18	78.2	8. W.	33	6,868	7.18	21	1,345
September.	90.144	80.457	29.752	7.7	*	3	11.1	තේ	88	6,356	1.12	۵	1,099
October	90.168	30,816	29,556	61.7	26	22	6.9	8. W.	8	6,182	0.41	•	1,159
November	30,165	30,587	29.472	7.7	12	19	68.0	N. W.	\$	8,368	1.38	=	1,016
December	30.184	30.651	29,611	8.8	19	==	76.3	S. W.	22	7,964	4.68	23	1,082
Mean	30.073			53.6			89.2						
Total										80,902	36.75	128	15,478
				Q •	д возгле	Degrees below sero.	۰						

Total deaths in each month,

1,465 1,211 1,663 1,663 1,663 1,601 1,741 1,601 1,109 1,109 1,252 1,252 11,711

		M	eteorol	ogical	Meteorological Summary-Continued.	nary-	-Contri	nued.					
	78	BAROMETER.	ρά	Ħ	THERMOMETER.	EB.	-1		WIND.		RAIN OR SNOW.	SKOW.	
1880.	Мевп,	Highest.	Lowest.	Mean.	Highest.	Lowest.	Relative Hu midity.	Prevailing Direction.	Maximum Velocity.	Total Movement.	tanomA. ai sedoni	No. of days no which it fell.	
January	30.190	30.714	29.559	41.0	82	19	75.0	N.	32	6,728	1.51	21	
February	30.120	30.637	29.163	39.1	29	12	68.4	N.W.	84	8,256	2.43	91	
March	30.067	30.498	29.348	39.6	75	8	67.3	Z.	9	9,648	3.53	9	
April	30.022	30.374	29.543	52.4	81	8	57.1	8. W.	¥	9,624	2.43	9	
Мау	30.063	30.362	29.764	68.8	8	8	69.0	8. W.	34	8,367	0.54	•	
June	29.999	30.291	29.652	73.8	\$	15	62.6	₩.	32	6,848	1.67		
July	29.993	30.196	29.688	75.6	8	8	65.2	S. W.	22	6,322	7.74	15	
August	30.058	30.447	29.729	72.8	8	28	70.2	8. W.	18	6,339	5.09	13	
September.	80.064	30.379	29.650	67.7	16	28	67.0	N.W.	8	996,9	1.10	7	
October	30.128	30.448	29.484	55.1	88	8	67.5	8. W.	8	6,870	1.74	21	
November	30.253	30.775	29.546	40.5	8	2	67.9	N.W.	8	7,298	1.75	7	
December	30.046	30.508	29.655	28.6	22	ĵ	74.8	N.W.	8	9,555	4.06	#	
Mesn	30.092			54.6			66.8						
Total										92,211	33.58	122	
				1.	* Degrees below zero.	dow zero	۵						

Meteorological Summary—Continued.

	A	BAROMETER.	gi	THI	THERMOMETER.	EB.	-1		WIND.		BAIN OR SHOW.	SNOW.	pe oth.
1881.	Меап.	Highest.	Lowest.	Mean.	Highest.	Lowest.	Relative Hu midity.	Prevailing Direction.	Maximum Velocity.	Total Movement.	tanomA at sedes.	No. of days no which it fell.	tasb latoT tom doas ni
January	30.158	30.708	29.284	25.9	4	¥	77.1	W.	\$	7,427	3.66	*	1,527
February	80.198	30.825	29.381	30.7	61.	j	74.3	z	28	8,052	4.76	=	1,592
March	29.757	30.368	29.067	38.8	61.	겼	72.8	N.W.	3	11,174	88.	*	1,924
April	29.902	30,403	29.467	48.7	2	얺	61.3	N. W.	\$	8,514	0.61	2	1,661
Мау	30.047	30.487	29.594	64.1	35	2	70.6	ᅿ	8	6,781	2.71	2	1,747
June	29.921	30.208	29.664	67.4	89.5	.19	70.4	ᆆ	7	6,967	3.87	17	1,224
July	29.954	30.270	29.640	75.5	ಹೆ	9	8.99	``	8	6,973	96.0	13	1,840
August	30,037	30.351	29.644	75.0	ક્ષં	8 6	66.1	8. W.	83	5,343	11.8	•	1,972
September	30.103	30.368	29.856	74.8	101.5	z	71.2	.₩	75	5,845	9.9	-	1,508
October	30.163	30.612	29.531	80.8	.78	ģ	70.2	₩.	8	7,031	3.04	10	1,368
November	30.200	30.732	29.691	47.5	69.5	첧	72.4	₩.	88	5,879	2.02	16	1,388
December	80.175	30.667	29.432	41.7	69.4	21.5	77.5	M	25	4,887	2.63	91	1,814
Mean	30,051			54.2			80.9						
Total										84.873	80.21	149	19,515
				€ 0	* Degrees below zero	OW 2010.							

TABLE XXXIII.

The annual mean temperature in Philadelphia from 1800 to 1883, inclusive, with the annual amount of rain and snow, in inches, from 1825 to 1883.

	Mean annual temper- ature.	ai		Mean annual temper- ature.	ź
YRARS.	san annual ature.	Rain in inches	YEARS.	sture.	Rain in inches.
	Mear	Ratin		Mear	Radn
900	51.50		1842	52.75	47.50
01	52.00		1843	51.50	46.25
02	53.50		1844	53.00	89.00
03	52.00		1845	54.00	40.25 44.87
04	51.00 51.50		1846	54,00 53,86	45.09
06	51.50 51.50		1847 1848	54.80	35.00
07	52.00		1849	53.10	42.09
08	52.00		1850	• 54.00	54.54
09	51.00		1851	54.04	35.50
10	51.00		1852	54.04	46.20
11	52.00		1853	55.44	42.96
12	51.00		1854	55.88	45.23
13	50.50		1855	54,53	44.65
14	51.00		1856	51.92	33,52
15	51.25		1857	53.48	48.45
16*	49.00		1858	55.20	41.06
17	52.50		1859	54.49	54.75
18	53.00		1860	54.12	45.40
19	51.00		1861	54.71	45.41
20	51.75	Ji	1862	53,58	45,66
21	51.50		1863	54.13	49.64
22	53.00		1864	54,60	46.73
23	53,50		1865	55.77	53.64
24	53.75	00.90	1866	54.90	43.57 62.93
25	54.00	29,30	1867	53.41 52.83	50.18
26 27	53.00 50.00	40.00 39.50	1868 1869	54.23	44.16
28	54.00	39.50 38.50	1870	56.44	48.56
29	53.00	42.00	1871	54.91	45.98
30	52.50	44.75	1872†	54.85	49.02
31	53.00	41.00	1873	51.4	54.62
32	51.00	39.25	1874	52.6	46.31
33	52.50	48.38	1875	50.3	40.24
84	52,25	33.00	1876	52.6	47.39
35	52.00	39.50	1877	54.2	87.36
36	50.25	43.00	1878	54.7	84.58
37	52.25	37.10	1879	53.6	36.75
38	53.00	44.25	1880	54.6	33.58
39	52.00	44.75	1881	54.2	30.21
40	52.25	47.50	1882	54.6	45.58
41	51.50	55.50	1883	53.5	39.17

^{*}Ice in every month; the coldest year on record in the city; the year without a summer.

[†]From this year observations taken at U. S. Signal Office used in this Department.

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TABLE XXXIV.

Recapitulation of returns to this Department for past twenty-three years and six months.

YEARS.	BIRTHS.	MARRIAGES.	DEATHS
1860 (6 months)	8,434	2,310	6,342
1861	17,271	4,417	14,468
1862	14,741	4,652	15,097
1863	15,293	5,474	15,788
864	15,591	6,752	17,582
865	15,428	6,864	17,169
866	17,437	7,087	16,808
867	17,007	6,084	13,938
.868	17,259	6,371	14,693
869	16,960	6,382	14,786
870	17,194	6,421	16,750
871	18,346	6,806	16,993
872	20,072	6,496	20,544
878	18,702	7,891	16,786
874	19,387	6,639	16,315
875	17,933	6,144	18,909
876	18,695	5,341	18,892
877	18,279	6,147	16,004
878	18,846	6,247	15,743
879	18,449	5,224	15,473
880	19,388	6,476	17,711
881	18,154	7,569	19,515
882	20,098	8,521	20,059
883	8,281	21,237	20,076
Totals	306,695	163,562	396,381

^{*}Includes still-born, premature births, and deaths from other localities, with the exception of years since 1875.

The above statement shows a summary of all returns of births, marriages, and deaths made to the Department since the law commenced operation, July 1, 1860. Since the year 1875 we have not included still-births, premature births, or bodies brought from other localities, thus showing since that year the actual deaths in the city.

Respectfully submitted,

JAS. L. SELFRIDGE,

Health Officer.

Attest:

GEO. E. CHAMBERS,

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Registrar.

APPENDIX.

The following valuable statistical information, furnished by various City Departments, is deemed of sufficient importance to merit a place in the addenda.

For the care taken in collecting and collating these facts, I herewith tender my cordial thanks to each and every Department of our Municipal Government.

JAMES L. SELFRIDGE,

Health Officer.

Philadelphia is situated in latitude 39° 57' N. and 75° 09' W. The total area is 129,450 square miles, or 82,848 acres.

The greatest elevation in each Ward, above high water, is, viz.:

Ward.	Feet.
First—Gerhard N. of McKean street	24.49
Second—Hale W. of Tenth street	28.59
Third—Lebanon S. of Fitzwater street	31.05
Fourth—Emeline W. of Eighth street	34.26
Fifth—St. Mary's E. of Seventh street	31.41
Sixth—Crown N. of Race street	37.70
Seventh—Delancy W. of Twentieth street	42.62
Eighth—Broad S. of Chestnut street	43.90
Ninth—Chestnut W. of Broad street	43.45
Tenth—Jacoby N. of Race street	41.25
Eleventh—Third and Brown streets	34.75
Twelfth—Sixth S. of Green street	36.00
Thirteenth-Wallace E. of Tenth street	43.60
Fourteenth-E. of Broad and N. of Parrish	72.78
Fifteenth—Corner of Vineyard and Perkiomen streets	106.00
Sixteenth—Sixth street S. of Girard avenue	34.83
Seventeenth—Lawrence S. of Oxford street	32.46
Eighteenth-Neland N. E. of Hanover street	27.05
Nineteenth-Corner Seventh street and Lehigh avenue	99.26
Twentieth—Columbia avenue E. of Broad street	89.65
Twenty-first—Between Ridge avenue and Township Line road	430.00

		Feet.
Twenty-second—St	ummit street N. E. of Chestnut Hill	440.02
Twenty-third-Sha	arswood street and Montgomery County line	240.00
Twenty-fourth-B	elmont and City avenue	292.00
Twenty-fifth-Nic	etown lane N. of Baker street	133.46
Twenty-sixth-S. o	of Washington ave. and W. of Twenty-fifth street,	38.73
	Sixty-first and Walnut streets	114.00
	hirtieth and Coulter streets	
	idge street above Columbia avenue and connect-	
	6	113.31
	Ferry road N. of Catharine street	40.90
•	ington avenue N. E. of Huntingdon street	37.82
		
		Miles.
The length of pave	ed streets	
	ers	
	ar pipes	
	pipes	
	s lamps	
	oline lamps	
and number of Sun	-	
	Total	14,147
		Miles.
The length of river	r front on the Delaware river	20
•	r front on the Delaware riverryes on the Delaware river	
The length of wha	rves on the Delaware river	6
The length of what The length of rive	rves on the Delaware riverr front on the Schuylkill river (both sides)	6 16
The length of what The length of rive	r front on the Schuylkill river (both sides) ryes on the Schuylkill river (both sides)	6 16 4
The length of what The length of rive	rves on the Delaware riverr front on the Schuylkill river (both sides)	6 16 4
The length of what The length of rive	r front on the Schuylkill river (both sides) ryes on the Schuylkill river (both sides)	6 16 4
The length of what The length of rive	ryes on the Delaware riverr front on the Schuylkill river (both sides)rves on the Schuylkill river (both sides)	6 16 4
The length of what The length of rive The length of what	rves on the Delaware river	6 16 4
The length of what The length of rive The length of what	ryes on the Delaware riverr front on the Schuylkill river (both sides)rves on the Schuylkill river (both sides)	6 16 4
The length of what The length of rive The length of what The area of and	rves on the Delaware river	6 16 4 36 10
The length of what The length of rive. The length of what The area of and 1. Independence	rves on the Delaware river	6 16 4 36 10 Acres• . 4.64
The length of what The length of rive. The length of what The area of and 1. Independence 2. Washington	rves on the Delaware river	6 16 36 10 Acres• . 4.64 6.70
The length of what The length of rive The length of what The area of and 1. Independence 2. Washington 3. Franklin	rves on the Delaware river	6 16 36 10 Acres• . 4.64 6.70 . 7.83
The length of what The length of rive The length of what The area of and 1. Independence 2. Washington 3. Franklin 4. Logan	rves on the Delaware river	6 16 36 10 Acres• 4.64 6.70 7.83
The length of what The length of rive The length of what The area of and 1. Independence 2. Washington 3. Franklin 4. Logan 5. Rittenhouse	rves on the Delaware river	6 16 36 10 Acres• . 4.64 . 6.70 . 7.83 . 6.70
The length of what The length of rive The length of what The area of and 1. Independence 2. Washington 3. Franklin 4. Logan 5. Rittenhouse 6. Jefferson	rves on the Delaware river	6 16 36 10 Acres• . 4.64 . 6.70 . 7.83 . 6.70 . 2.86
The length of what The length of rive The length of what The area of and 1. Independence 2. Washington 3. Franklin 4. Logan 5. Rittenhouse 6. Jefferson 7. Passyunk	rves on the Delaware river	6 16 36 10 Acres• . 4.64 . 6.70 . 7.83 . 6.70 . 2.86 . 3.64
The length of what The length of rive The length of what The area of and 1. Independence 2. Washington 3. Franklin 4. Logan 5. Rittenhouse 6. Jefferson 7. Passyunk 8. Norris	rves on the Delaware river	6 16 36 10 Acres• . 4.64 . 6.70 . 7.83 . 6.70 . 2.86 . 3.64 . 5.80
The length of what The length of rive The length of what The area of and 1. Independence 2. Washington 3. Franklin 4. Logan 5. Rittenhouse 6. Jefferson 7. Passyunk 8. Norris 9. Fairhill	rves on the Delaware river	6 16 36 10 Acres• . 4.64 . 6.70 . 7.83 . 6.70 . 2.86 . 3.64 . 5.80 . 1.21
The length of what The length of rive The length of what The area of and 1. Independence 2. Washington 3. Franklin 4. Logan 5. Rittenhouse 6. Jefferson 7. Passyunk 8. Norris	ryes on the Delaware river	6 16 36 10 Acres• . 4.64 . 6.70 . 7.83 . 6.70 . 2.86 . 3.64 . 5.80 . 1.21

The area of Fairmount Park is:

	Acres.
Old park	117
East park	510
West park	1,232
Wissahickon park	416
Hunting park	25
Outlying lots paid for out of Park Loan	143_{10}^{2}
Extent of Water Surface of Schuylkill river in limits of Park	373
Total areas	2,816

Number of Fire Plugs in the City, in each Ward, December 31, 1883.

		· · ·	
WARDS.	PLUGS.	WARDS.	PLU98.
First	294	Seventeenth	90
Second	179	Eighteenth	136
Third	105	Nineteenth	258
Fourth	101	Twentieth	216
F1Rb	127	Twenty-first	219
Sixth	107	Twenty-second	874
Seventh	155	Twenty-third	116
Eighth	158	Twenty-fourth	428
Ninth	188	Twenty-fifth	324
Tenth	127	Twenty-sixth	252
Eleventh	75	Twenty-seventh	257
Twelfth	77	Twenty-eighth	289
Thirteenth	108	Twenty-ninth	121
Fourteenth	102	Thirtieth	175
Fifteenth	271	Thirty-first	194
Sixteenth	84	Total	5,752

The number of dwellings
Number of miles of City Passenger Railway track3371
The population (as per U.S. Census) at each decade was as follows, with percentage of deaths to each 1,000 of population.

YEARS.	POPULATION.	DEATHS.	DRATHS IN 1000.
*1800		•••	
1810	110,210	1,897	†17,21
1820	187,097	8,189	28.26
1890	188,797	8,948	20.90
1840	258,087	4,598	17.78
1850	. 408,762	8,034	19.63
1860	565,529	10,849	19.18
1870	674,022	15,817	22,72
1880	846,980	17,711	20.91

^{*} No record of deaths published. † Still-born and bodies brought from country excluded.

VACCINE PHYSICIANS.

First District.
Comprising the First Ward, and that portion of the Twenty-sixth Ward east of Broad street.
Dr. H. F. CamblesNo. 1909 S. Eighth street.
Second District.
Comprising the Second, Third, and Fourth Wards.
Dr. R. KILDUFFENo. 754 S. Twelfth street.
Third District.
Comprising the Thirtieth Ward, and that portion of the Twenty-sixth Ward west of Broad street.
Dr. B. F. McElroyNo. 1945 Christian street.
Fourth District.
Comprising the Fifth Ward, and that portion of the Seventh and Eighth Wards east of Broad street.
DE. D. N. DENNIS
Fifth District.
Comprising the Seventh and Eighth Wards west of Broad street.
Dr. Robt. P. Robins
Sixth District.
Comprising the Sixth Ward, and that portion of the Ninth and Tenth Wards east of Broad street.
Dr. C. A. GroffNo. 215 N. Thirteenth street.
Seventh District.
Comprising that portion of the Ninth and Tenth Wards west of Broad street.
DR. W. H. BAKER
Eighth District.
Comprising the Eleventh, Twelfth, and Thirteenth Wards.
Dr. L. I. LAUTENBACH
Ninth District.
Comprising the Fourteenth and Fifteenth Wards.
Dr. Alex. Browne

Tenth District. Comprising the Sixteenth, Seventeenth, and Twentieth Wards. Eleventh District. Comprising the Twenty-ninth Ward, and all that portion of the Twentyeighth Ward west of Twenty-fifth street. Twelfth District. Comprising the Eighteenth and Nineteenth Wards. Thirteenth District. Comprising the Thirty-first Ward. Fourteenth District. Comprising the Twenty-third Ward and Bridesburg. Fifteenth District. Comprising the Twenty-fifth Ward west of Trenton avenue, except Bridesburg. Sixteenth District. Comprising the Twenty-first Ward. DR. W. L. PHILLIPS.....Lyceum avenue, Roxborough, Twenty-first Ward. Seventeenth District. Comprising the Twenty-fourth and Twenty-seventh Wards. Eighteenth District. Comprising the Twenty-second Ward. Nineteenth District. Comprising the Twenty-fifth Ward east of Trenton avenue, except Bridesburg. DR. ELLA RIDGWAY ZIEGLER......No. 1408 Richmond street. Twentieth District.



